1983 Cumulative Reviewer Index

Reviewers are the real authors of *Computing Reviews*. Their voluntary contributions provide the computing community with critical perspectives on published literature. We list here all the reviewers who had material published in the 1983 *CR*; furthermore, to properly identify their role as the "authors" of *CR*, we are including for each reviewer the information which identifies each review they wrote—name of bibliographic item, author, and review number.

Abel, P.
• Assembly language programming for PDP-11 and LSI-11 computers: an introduction to computer organization. DeSautels, E.J. 40,452

Abrahams, P.W.
An alternative implementation of an insertion-only recovery technique. Anderson, S.O.; Backhouse, R.C. 40,746

Adams, J.M.
Higher-order extensions to PROLOG: are they needed? Warren, D.H.D. 40,166
Programming with full first-order logic. Bowen, K.A. 40,175
LOGLISP: an alternative to PROLOG. Robinson, J.A.; Sibert, E.E. 40,578

Agha, G.A.
The complexity of LALR(*k*) testing. Sippu, S.; Soisalon-Soininen, E.; Ukkonen, E. 40,402

Agresti, W.W.
• Controlling software projects: management, measurement, and estimation. DeMarco, T. 40,654

Ahmed, N.U.
The watchdog technique for forcing convergence in algorithms for constrained optimization. Chamberlain, R.M.; Powell, M.J.D.; Lemarechal, C.; Pedersen, H.C. 40,008
A superlinearly convergent algorithm for constrained optimization problems. Mayne, D.Q.; Polak, E. 40,828

Aiken, R.M.
Character generation experiment for a computer logic design course. Coey, W.A.; Fay, D.Q.M. 40,126

Akers, S.B.
A graph model for fault diagnosis. Toida, S. 40,742

Akman, V.
Human body models and animation. Badler, N.I. 40,427
A progression of human figures simulated by computer graphics. Fetter, W.A. 40,519
Real-time animation of human figure drawings with hidden lines omitted. Herbison-Evans, D. 40,520
Anthropometric modeling programs—a survey. Dooley, M. 40,627
Visualizing human body motion simulations. Willmert, K.D. 40,628
Aspects of the kinematic simulation of human movement. Calvert, T.W.; Chapman, J.; Patla, A.E. 40,844
Motor-control techniques for figure animation. Zeltzer, D. 40,845
Parameterized models for facial animation. Parke, F.I. 40,846
Techniques for generating the goal-directed motion of articulated structures. Korein, J.U.; Badler, N.I. 40,847

Akridge, F.
The Geometric WorkBench (GWB)—an experimental geometric modeling system. Mantyla, M.; Takala, T. 40,626

Alanko, T.O.
• Performance improvement of virtual memory systems. Lau, E.J. 40,457
• An algebraic analysis of storage fragmentation. Betteridge, T. 40,731

Allen, A.O.
• Introduction to queueing theory (2nd ed.). Cooper, R.B. 40,461

Allison, D.R.
Microprogrammable peripheral controller. Rao, S.S.S.P.; Pradhan, T. 39,985

Amarel, S.
A few remarks on putting formal specifications to productive use. Guttag, J. 40,173
Properties of a logic programming language. Hansson, A.; Haridi, S.; Tärnlund, S.-A. 40,269

Anderson, D.G.M.
• Numerical solution of systems of nonlinear equations. Bus, J.C.P. 39,974
• The finite element method: a first approach. Davies, A.J. 40,040
Variable order, variable stepsize, componentwise integration. Roberts, C.E., Jr. 40,336
Solving nonlinear systems with least significant bit accuracy. Rump, S.M. 40,827

Anderson, J.P.
• Cryptanalysis for microcomputers. Foster, C.C. 40,141
Section 6: public-key cryptosystems. [In *Advances in computer system security*, R. Turn (Ed.).] 40,489

Andree, R.V.
• Computing in statistical science through APL. Anscombe, F.J. 40,543

Aribaud, F.
Locality in modular systems. Back, R.J.R.; Mannila, H. 40,328

Aribaud, M.F.
On the structure of algebraic languages. Beauquier, J. 40,177

Arnold, T.
Section 1: computer security framework. [In *Advances in computer system security*, R. Turn (Ed.).] 40,536

Aron, J.D.
• A manager's guide to local networks. Derfler, F., Jr.; Stallings, W. 40,297
• User-designed computing: free-enterprise application design. Schlueter, L., Jr. 40,737

Arsac, J.J.
Automatic program transformation viewed as theorem proving. Costa, E.J.F. 40,266

Artz, J.M.
Strategies for information requirements determination. Davis, G.B. 40,279
• Decision support systems for effective planning and control. Thierauf, R.J. 40,293
Enterprise information analysis: cost-benefit analysis and the data-managed system. Parker, M.M. 40,438
Business systems planning and business information control study: a comparison. Zachman, J.A. 40,439
Supporting business systems planning studies with the DB/DC data dictionary. Sakamoto, J.G.; Ball, F.W. 40,440
Towards an integrated development environment. Newman, P.S. 40,441

Ascher, M.
• Ethics and the management of computer technology. Hoffman, W.M.; Moore, J.M. (Eds.) 40,378
Coding of the depositions of the templars. Gilmour-Bryson, A. 40,531

Ashworth, E.R.
• The videotex revolution. Mayne, A.J. 40,043

Atchison, W.F.
Standards for the ISO—reference model for open systems interconnection. Burkhardt, H.J.; Krecioch, T.H. 39,989

Babilonia, J.E.
• Statistical software: a comparative review. Francis, I. 39,975

Baddorf, C.
• Software manual production simplified. Zaneski, R. 40,286

Bagert, D.J.
An iteration theorem for simple precedence languages. Krevner, Y.; Yehudai, A. 40,252
Inessential error entries and their use in LR parser optimization. Soisalon-Soininen, E. 40,319

Bailey, R.W.
So what can we talk about now? Webber, B.L. 40,711

Baker, A.
• Structured FORTRAN 77 programming. Pollack, S.V. 40,216

Baker, R.A.
Analytic queueing model for CICS capacity planning. Deitch, M. 40,861

Ballew, D.W.
Analysis of the search performance of coalesced hashing. Vitter, J.S. 40,398
Implementation for coalesced hashing. Vitter, J.S. 40,754

Baltrush, M.A.
• Microprocessor systems. Aumiaux, M. 40,132
• Microprocessor systems and their application to signal processing. Yuen, C.K.; Beauchamp, K.G.; Robinson, G.P.S. 40,723

Banerjee, U.
On the number of permutations performable by the augmented data manipulator network. Adams, G.B., III; Siegel, H.J. 40,880

Barnard, D.T.
• Hydra/C.mmp: an experimental computer system. Wulf, W.A.; Harbison, S.P.; Levin, R. 39,966
Capsules: a data abstraction facility for PASCAL. Giacomucci, A.; Friedman, F.L. 40,000

Baron, R.J.
The computational problem of motor control. Poggio, T.; Rosser, B.L. 40,715

Bash, C.W.
Assembly language programming. Fisher, D.G. 40,568
Utility and systems software. White, J.W.; Wright, J.D. 40,569
Real-time operating systems and multitask programming. Wright, J.D.; White, J.W. 40,587

Beck, R.E.
Concurrent algorithms for root searching. Eriksen, O.; Staunstrup, J. 40,693

Beeri, C.
Database: theory vs. interpretation. Nicolas, J.M.; Gallaire, H. 40,099
High level database query languages. Pirotte, A. 40,101
The predicate calculus-language KS as a query language. Dilger, W.; Zifonun, G. 40,180
The application of PROLOG to the development of QA and DBM systems. Futo, I.; Darvas, E.; Szeredi, P. 40,192

Beizer, B.
Computer-assisted microanalysis of programs. Cohen, J. 40,238

Belzer, J.
• Information systems design. Brookes, C.H.P.; Grouse, P.J.; Jeffery, D.R.; Lawrence, M.J. 40,374

Benson, D.B.
On the power of probabilistic choice in synchronous parallel computations. Reif, J.H. 40,326

Benson, D.M.
An enlarged definition and complete axiomatization of observational congruence of finite processes. Darondeau, P. 40,819

Benson, M.
• Reduced data reorder complexity properties of polynomial transform 2D convolution and Fourier transform methods. Kriz, T.A. 40,758

Bentrup, H.D., Jr.
The web of computing: computer technology as social organization. Kling, R.; Scacchi, W. 40,278
The computational metaphor and quantum physics. Manthey, M.J.; Moret, B.M.E. 40,779

Bernstein, A.J.
Distributed programming languages. Andrews, G.R. 40,163

Berry, D.M.
Programming in a wide spectrum language: a collection of examples. Bauer, F.L. et al. 39,999
Component control from a high-level language. Astor, E. 40,671

1983 Cumulative Reviewer Index

Reviewers are the real authors of *Computing Reviews*. Their voluntary contributions provide the computing community with critical perspectives on published literature. We list here all the reviewers who had material published in the 1983 *CR*; furthermore, to properly identify their role as the "authors" of *CR*, we are including for each reviewer the information which identifies each review they wrote—name of bibliographic item, author, and review number.

Abel, P.
• Assembly language programming for PDP-11 and LSI-11 computers: an introduction to computer organization. DeSautels, E.J. 40,452

Abrahams, P.W.
An alternative implementation of an insertion-only recovery technique. Anderson, S.O.; Backhouse, R.C. 40,746

Adams, J.M.
Higher-order extensions to PROLOG: are they needed? Warren, D.H.D. 40,166
Programming with full first-order logic. Bowen, K.A. 40,175
LOGLISP: an alternative to PROLOG. Robinson, J.A.; Sibert, E.E. 40,578

Agha, G.A.
The complexity of LALR(*k*) testing. Sippu, S.; Soisalon-Soininen, E.; Ukkonen, E. 40,402

Agresti, W.W.
• Controlling software projects: management, measurement, and estimation. DeMarco, T. 40,654

Ahmed, N.U.
The watchdog technique for forcing convergence in algorithms for constrained optimization. Chamberlain, R.M.; Powell, M.J.D.; Lemarechal, C.; Pedersen, H.C. 40,008
A superlinearly convergent algorithm for constrained optimization problems. Mayne, D.Q.; Polak, E. 40,828

Aiken, R.M.
Character generation experiment for a computer logic design course. Coey, W.A.; Fay, D.Q.M. 40,126

Akers, S.B.
A graph model for fault diagnosis. Toida, S. 40,742

Akman, V.
Human body models and animation. Badler, N.I. 40,427
A progression of human figures simulated by computer graphics. Fetter, W.A. 40,519
Real-time animation of human figure drawings with hidden lines omitted. Herbison-Evans, D. 40,520
Anthropometric modeling programs—a survey. Dooley, M. 40,627
Visualizing human body motion simulations. Willmert, K.D. 40,628
Aspects of the kinematic simulation of human movement. Calvert, T.W.; Chapman, J.; Patla, A.E. 40,844
Motor-control techniques for figure animation. Zeltzer, D. 40,845
Parameterized models for facial animation. Parke, F.I. 40,846
Techniques for generating the goal-directed motion of articulated structures. Korein, J.U.; Badler, N.I. 40,847

Akridge, F.
The Geometric WorkBench (GWB)—an experimental geometric modeling system. Mantyla, M.; Takala, T. 40,626

Alanko, T.O.
• Performance improvement of virtual memory systems. Lau, E.J. 40,457
• An algebraic analysis of storage fragmentation. Betteridge, T. 40,731

Allen, A.O.
• Introduction to queueing theory (2nd ed.). Cooper, R.B. 40,461

Allison, D.R.
Microprogrammable peripheral controller. Rao, S.S.S.P.; Pradhan, T. 39,985

Amarel, S.
A few remarks on putting formal specifications to productive use. Guttag, J. 40,173
Properties of a logic programming language. Hansson, A.; Haridi, S.; Tärnlund, S.-A. 40,269

Anderson, D.G.M.
• Numerical solution of systems of nonlinear equations. Bus, J.C.P. 39,974
• The finite element method: a first approach. Davies, A.J. 40,040
Variable order, variable stepsize, componentwise integration. Roberts, C.E., Jr. 40,336
Solving nonlinear systems with least significant bit accuracy. Rump, S.M. 40,827

Anderson, J.P.
• Cryptanalysis for microcomputers. Foster, C.C. 40,141
Section 6: public-key cryptosystems. [In *Advances in computer system security*, R. Turn (Ed.).] 40,489

Andree, R.V.
• Computing in statistical science through APL. Anscombe, F.J. 40,543

Aribaud, F.
Locality in modular systems. Back, R.J.R.; Mannila, H. 40,328

Aribaud, M.F.
On the structure of algebraic languages. Beauquier, J. 40,177

Arnold, T.
Section 1: computer security framework. [In *Advances in computer system security*, R. Turn (Ed.).] 40,536

Aron, J.D.
• A manager's guide to local networks. Derfler, F., Jr.; Stallings, W. 40,297
• User-designed computing: free-enterprise application design. Schlueter, L., Jr. 40,737

Arsac, J.J.
Automatic program transformation viewed as theorem proving. Costa, E.J.F. 40,266

Artz, J.M.
Strategies for information requirements determination. Davis, G.B. 40,279
• Decision support systems for effective planning and control. Thierauf, R.J. 40,293
Enterprise information analysis: cost-benefit analysis and the data-managed system. Parker, M.M. 40,438
Business systems planning and business information control study: a comparison. Zachman, J.A. 40,439
Supporting business systems planning studies with the DB/DC data dictionary. Sakamoto, J.G.; Ball, F.W. 40,440
Towards an integrated development environment. Newman, P.S. 40,441

Ascher, M.
• Ethics and the management of computer technology. Hoffman, W.M.; Moore, J.M. (Eds.) 40,378
Coding of the depositions of the templars. Gilmour-Bryson, A. 40,531

Ashworth, E.R.
• The videotex revolution. Mayne, A.J. 40,043

Atchison, W.F.
Standards for the ISO—reference model for open systems interconnection. Burkhardt, H.J.; Krecioch, T.H. 39,989

Babilonia, J.E.
• Statistical software: a comparative review. Francis, I. 39,975

Baddorf, C.
• Software manual production simplified. Zaneski, R. 40,286

Bagert, D.J.
An iteration theorem for simple precedence languages. Krevner, Y.; Yehudai, A. 40,252
Inessential error entries and their use in LR parser optimization. Soisalon-Soininen, E. 40,319

Bailey, R.W.
So what can we talk about now? Webber, B.L. 40,711

Baker, A.
• Structured FORTRAN 77 programming. Pollack, S.V. 40,216

Baker, R.A.
Analytic queueing model for CICS capacity planning. Deitch, M. 40,861

Ballew, D.W.
Analysis of the search performance of coalesced hashing. Vitter, J.S. 40,398
Implementation for coalesced hashing. Vitter, J.S. 40,754

Baltrush, M.A.
• Microprocessor systems. Aumiaux, M. 40,132
• Microprocessor systems and their application to signal processing. Yuen, C.K.; Beauchamp, K.G.; Robinson, G.P.S. 40,723

Banerjee, U.
On the number of permutations performable by the augmented data manipulator network. Adams, G.B., III; Siegel, H.J. 40,880

Barnard, D.T.
• Hydra/C.mmp: an experimental computer system. Wulf, W.A.; Harbison, S.P.; Levin, R. 39,966
Capsules: a data abstraction facility for PASCAL. Giacomucci, A.; Friedman, F.L. 40,000

Baron, R.J.
The computational problem of motor control. Poggio, T.; Rosser, B.L. 40,715

Bash, C.W.
Assembly language programming. Fisher, D.G. 40,568
Utility and systems software. White, J.W.; Wright, J.D. 40,569
Real-time operating systems and multitask programming. Wright, J.D.; White, J.W. 40,587

Beck, R.E.
Concurrent algorithms for root searching. Eriksen, O.; Staunstrup, J. 40,693

Beeri, C.
Database: theory vs. interpretation. Nicolas, J.M.; Gallaire, H. 40,099
High level database query languages. Pirotte, A. 40,101
The predicate calculus-language KS as a query language. Dilger, W.; Zifonun, G. 40,180
The application of PROLOG to the development of QA and DBM systems. Futo, I.; Darvas, E.; Szeredi, P. 40,192

Beizer, B.
Computer-assisted microanalysis of programs. Cohen, J. 40,238

Belzer, J.
• Information systems design. Brookes, C.H.P.; Grouse, P.J.; Jeffery, D.R.; Lawrence, M.J. 40,374

Benson, D.B.
On the power of probabilistic choice in synchronous parallel computations. Reif, J.H. 40,326

Benson, D.M.
An enlarged definition and complete axiomatization of observational congruence of finite processes. Darondeau, P. 40,819

Benson, M.
• Reduced data reorder complexity properties of polynomial transform 2D convolution and Fourier transform methods. Kriz, T.A. 40,758

Bentrup, H.D., Jr.
The web of computing: computer technology as social organization. Kling, R.; Scacchi, W. 40,278
The computational metaphor and quantum physics. Manthey, M.J.; Moret, B.M.E. 40,779

Bernstein, A.J.
Distributed programming languages. Andrews, G.R. 40,163

Berry, D.M.
Programming in a wide spectrum language: a collection of examples. Bauer, F.L. et al. 39,999
Component control from a high-level language. Astor, E. 40,671

Berson, T.A.
• Advances in computer system security. Turn, R. (Ed.) 40,469
Berstein, H.J.
• Computer networks in the chemical laboratory. Levy, G.C.; Terpstra, D. (Eds.) 40,722
Berztiss, A.T.
Program specification. Chapter 2: example 1: geometrical constructions. Staunstrup, J.; Goguen, J. 40,063
Biskup, J.
• Logic and databases. Gallaire, H.; Minker, J. (Eds.) 40,037
Blum, B.
A quantitative method for the selection of hospital information systems components. Hadidi, R.; Leonard, M.S.; Ashton, W.B. 40,634
Bongiovanni, G.C.
• Content-addressable memories. Kohonen, T. 39,964
Three-dimensional VLSI: a case study. Rosenberg, A.L. 40,743
Booch, G.E.
ADA requirements methodology (ARM). Crews, P.; Ward, D.; Mungle, J. 40,164
Booth, A.D.
• Scientific temperaments: three lives in contemporary science. Hilts, P.J. 40,208
• Structured digital design including MSI/LSI components and microprocessors. Kline, R.M. 40,446
• Practical digital design using ICs (2nd ed.). Greenfield, J.D. 40,863
• An introduction to numerical methods with PASCAL. Atkinson, L.V.; Harley, P.J. 40,868
Models of DASD subsystems with multiple access paths: throughput-driven approach. Brandwajn, A. 40,876
Booth, K.H.V.
Speculation: the limits of innovations. Session 4. Wilks, Y. (Chair.) 40,112
Analysis of linear interpolation schemes for bi-level image applications. Abdou, I.E.; Wong, K.Y. 40,522
• COBOL: a comprehensive treatment. Naps, T.L.; Singh, B. 40,728
Borko, H.
• Implementation: the key to successful information systems. Lucas, H.C., Jr. 39,976
Library automation systems and networks. Rush, J.E. 40,184
• Encyclopedia of computer science and engineering (2nd ed.). Ralston, A.; Reilly, E.D., Jr. 40,210
Brock, J.D.
An operational semantics for pure dataflow. Faustini, A.A. 40,493
Broder, S.
Quality circles in three data processing organizations. Godair, E.; Sportelli, L.; McCracken, M.; Eschbach, D. 40,207
Brown, F.M.
• Digital systems with algorithm implementation. Davio, M.; Deschamps, J.-P.; Thayse, A. 40,720
Brown, H.
Document formatting systems: survey, concepts, and issues. Furuta, R.; Scofield, J.; Shaw, A. 40,121
Integrating diverse knowledge sources in text recognition. Srihari, S.N.; Hull, J.J.; Choudhari, R. 40,355
UNIX document preparation. Kernighan, B.W.; Lesk, M.E. 40,430
Brown, T.
Analysis of the impact of multiprogramming on a transaction oriented computer system. Fredericks, A.A. 40,071
Digital simulator for allocating firefighting resources. Carroll, J.M. 40,356
On an exponential server with general cyclic arrivals. Agrawala, A.K.; Tripathi, S.K. 40,834
Brown, W.E.
Notes on using types and type abstraction in functional programming. Guttag, J. 39,995
Bruell, S.C.
Waiting time distributions from closed queueing network models of shared-processor systems. Mitra, D. 40,245
Bucci, G.
Structure of an operating system. Hoare, C.A.R.; McKeag, R.M. 40,678
Buckles, B.P.
Fundamental solutions of the eight queens problem. Topor, R.W. 40,762
Buell, D.
An experimental vehicle for the user/filing-system interface. Danielson, R.; Rolander, P. 40,103
Duplicate record elimination in large data files. Bitton, D.; Dewitt, D.J. 40,816
Bui, T.D.
An approximation technique for the numerical solution of a Stefan problem. Reemtsen, R.; Lozano, C.J. 40,335
Bull, G.M.
• Computers and data processing. Capron, H.L.; Williams, B.K. 40,029
• Office automation: a manager's guide for improved productivity. Lieberman, M.A.; Selig, G.J.; Walsh, J.J. 40,551
Burkowski, F.J.
• Microprocessor development and development systems. Tseng, V. (Ed.) 40,284
• Machine and assembly language programming of the PDP-11 (2nd ed.). Gill, A. 40,289
• The architecture of high performance computers. Ibbett, R.N. 40,721
Burton, H.
• Strategic data-planning methodologies. Martin, J. 40,042
Butcher, J.C.
Perturbed collocation and Runge-Kutta methods. Norsett, S.P.; Wanner, G. 40,010
Calvert, J.E.
Biprefix codes and semisimple algebras. Reutenauer, C. 40,824
Campbell, D.M.
Permutation generation on vector processors. Mor, M.; Fraenkel, A.S. 40,829
Campbell, D.V.A.
How to successfully resist a computer system and avoid its benefits: a victory for the bureaucracy? Miller, C.L. 40,778
Campbell, J.
Amalgamating language and metalanguage in logic programming. Bowen, K.A.; Kowalski, R.A. 40,268
Negotiation as a metaphor for distributed problem solving. Davis, R.; Smith, R.G. 40,712
Campbell, J.A.
• Structured programming using PL/C. Hughes, J.K.; La Pearl, B.J. 39,971
Caruso, G.A.
Development methodologies for scientific software. Dodds, R.H., Jr.; Rehak, D.R.; Lopez, L.A. 40,635
Caviness, B.F.
Symbolic manipulation languages and numerical computation: trends. Fateman, R.J. 40,420
Ceruzzi, P.E.
• Project Whirlwind: the history of a pioneer computer. Redmond, K.C.; Smith, T.M. 40,555
Chamberlain, D.M.
• Business data systems: a practical guide to systems analysis and data processing (2nd ed.). Clifton, H. 40,556
Chanson, S.T.
The aggregate server method for analyzing serialization delays in computer systems. Agrawal, S.C.; Buzen, J.P. 40,814
Chapin, N.
Designing multi-channel reverberators. Stautner, J.; Puckette, M. 40,019
• Mastering micros. Blank, H.I. 40,739
Cheng, R.C.H.
Incorporating system overhead in queueing network models. Kritzinger, P.S.; Krzesinski, A.E.; Teunissen, P. 40,170
Computer generation of Poisson deviates from modified normal distributions. Ahrens, J.H.; Dieter, U. 40,259
Chester, D.L.
• Language as a cognitive process: vol. 1: syntax. Winograd, T. 40,797
Chow, Y.C.
Terminal support protocols. Day, J.D. 40,476
DCNA higher-layer protocols. Toda, I. 40,561
Clarke, T.L.
• The word processing book—a short course in computer literacy. McWilliams, P.A. 40,225
Prospector: an expert system for mineral exploration. Gaschnig, J. 40,512
Cohen, B.F.
• Design and analysis of software systems. Daniels, A.; Yeates, D. 40,557
Cohen, D.
Mechanical theorem-proving in the case verifier. Ernst, G.W.;Hookway, R.J. 40,082
Specification languages and program transformation. Pepper, P. 40,308
Program transformation and language design. Boyle, J.M. 40,339
Fundamentals of machine-oriented deductive logic. Robinson, J.A. 40,425
Cohen, I.B.
• From ENIAC to UNIVAC: an appraisal of the Eckert-Mauchly computers. Stern, N. 40,467
Cohill, A.M.
Errors in dialog design and how to avoid them. Nievergelt, J. 40,410
Document preparation systems and commercial typesetting. Seybold, J.W. 40,431
User acceptance: design considerations for a program generator. Mathewson, S.C. 40,668
Colbourn, C.J.
Formulations and algorithms for the capacitated minimal directed tree problem. Gavish, B. 40,334
Improved planarity algorithms. Yeh, D. 40,405
Some new results about the (d,k) graph problem. Memmi, G.; Raillard, Y. 40,606
Enumerating the cycles of a digraph: a new preprocessing strategy. Loizou, G.; Thanisch, P. 40,831
Conn, A.R.
Reduced quasi-Newton methods with feasibility improvement for nonlinearly constrained optimization. Gabay, D. 40,901
Cooke, D.J.
Semantics of interference control. Tennent, R.D. 40,821
Cox, P.T.
Intelligent backtracking for an interpreter of Horn clause logic programs. Bruynooghe, M. 40,081
PROLOG applications in Hungary. Santane-Toth, E.; Szeredi, P. 40,242
PROLOG: a language for implementing expert systems. Clark, K.L.; McCabe, F.G. 40,265
Chess endgame advice: a case study in computer utilization of knowledge. van Emden, M.H. 40,346
Appendix to PROLOG: a language for implementing expert systems. Hammond, P. 40,421
Crennan, K.
Recoverability aspects of a distributed file system. Jegado, M. 40,680
Crotty, P.J.
Path control—the network layer of system network architecture. Atkins, J.D. 40,055
Cull, P.
A computational study of a multiple-choice knapsack algorithm. Armstrong, R.D.; Kung, D.S.; Sinha, P.; Zoltners, A.A. 40,593
Curtice, R.M.
• Fundamental concepts of information modeling. Flavin, M. 40,041
• An introduction to database systems: vol. 2. Date, C.J. 40,549
Abstractions in temporal information. Bolour, A.; Dekeyser, L.J. 40,908
Daley, R.P.
The power of pluralism for automatic program synthesis. Smith, C.H. 40,424
Damerau, F.T.
A computer-aided methodology for conceptual database design. Batini, C.; Lenzerini, M.; Santucci, G. 40,609
Dang, V.B.
Resolving conflicts in global storage design through replication. Katz, R.H.; Wong, E. 40,505
Davenport, J.H.
Recursive definitions of operations in universal algebras. Klaeren, H.A. 40,491
Iterative algebras. Nelson, E. 40,900
Davidson, S.
• Digital computer structure and design (2nd ed.). Townsend, R. 40,445
A "database" subsystem for BCPL. Brooker, R.A. 40,700
Davies, D.J.M.
Algorithms, architecture, and technology Allen, J. 40,052
Fifth generation computer architecture analysis. Treleaven, P. 40,053
A cognitive architecture for computer vision. McCormick, B.H.; Kent, E.; Dyer, C.R. 40,120
A hybrid model and the representation of communication services. Bochmann, G.V. 40,233
Security in computer communications systems. Wood, H.M.; Cotton, I.W. 40,661

The structure and function of network protocols. Falk, G. 40,663
• The architecture of videotex systems. Gecsei, J. 40,872
Specification and verification of communication protocols in AFFIRM using state transition models. Sunshine, C.A.; Thompson, D.H.; Erickson, R.W.; Gerhart, S.L.; Schwabe, D. 40,878

Davis, E.W.
• The ILLIAC IV: the first supercomputer. Hord, R.M. 40,134
• Microcomputer design and construction: building your own system with the Motorola 6800. Clements, A. 40,724

Davis, M.
• Programming language concepts. Ghezzi, C.; Jazayeri, M. 40,287

Davis, R.M.
Error-correcting codes and cryptography. Part II. Sloane, N.J.A. 40,246

Davis, T.M.
Personal computers. Toong, H.-M.D.; Gupta, A. 40,788

Dearholt, D.W.
Vision. [In *The handbook of artificial intelligence; vol. 3*. P.R. Cohen and E.A. Feigenbaum (Eds.). 40,714

Deb, A.
Basic techniques for the efficient coordination of very large numbers of cooperating sequential processors. Gottlieb, A.; Lubachevsky, B.D.; Rudolph, L. 40,895

Decroix, A.M.
On the development of a measurement system for high-level language program statistics. De Prycker, M. 40,576

Deiters, R.M.
The design and application of a dual port memory for microprocessor systems. Silk, C.L.; Smethurst, G.W. 40,227
• Microprocessor systems, interfacing, and applications. Bibbero, R.J.; Stern, D.M. 40,368

Denman, E.D.
• Problem complexity and method efficiency in optimization. Nemirovsky, A.S.; Yudin, D.B. 40,869

Denning, D.E.
Auditing for secure statistical databases. Chin, F.; Ozsoyoglu, G. 40,261

Desautels, E.J.
String searching in text editors. Davies, J.M. 40,357

Dorn, P.H.
• The origins of digital computers (3rd ed.). Randell, B. 40,048
Unionization of professionals in data processing: an assessment of recent trends. Sterling, T.D. 40,280

Dreifus, H.N.
Physical interfaces and protocols. Bertine, H.V. 40,152
Supporting organizational problem solving with a work station. Barber, G. 40,190
• Introductory readings in expert systems. Michie, D. (Ed.) 40,735

Duggan, M.A.
TRON. Lisberger, S. 40,050
Colossus: godfather of the computer. Randell, B. 40,434
Transborder data flow regulation: technical issues of legal concern. Novotny, E.J. 40,436
The keeper of secrets. Ognibene, P. 40,437
Electronic journalism, computers, and privacy. Washburn, P. 40,533
Institutions of data protection—an attempt at a functional explanation of European national data protection laws. Burkert, H. 40,716

Duncan, D.G.
Certification for the computer professional—individual preparation strategies. Ketchel, J.S. 40,442

Eager, R.D.
The programming language BPL. Williams, M.H. 40,672
Macro implementation of a structured assembly language. Reuss, J.L. 40,747

Eccles, W.J.
Microprocessor teaching. El-Dhaher, A.H.G. 40,125
• Microcomputer systems. Flores, I.; Terry, C. 40,366

Edmundson, H.P.
• Cryptography and data security. Denning, D.E. 40,140
Inference of reversible languages. Angluin, D. 40,254
Classifying regular events in symbolic logic. Thomas, W. 40,822

Edwards, J.S.
• Using the Osborne 1 computer. Lewis, T.G. 40,135

Egyhazy, C.J.
Binary-relational storage structures. Frost, R.A. 40,341
On estimating the cost of accessing records in blocked database organizations. Chan, A.; Niamir, B. 40,342
Representation of graphs. Itai, A.; Rodeh, M. 40,589

Ehrlich, L.W.
Solving linear algebraic equations on an MIMD computer. Lord, R.E.; Kowalik, J.S.; Kumar, S.P. 40,178

El-Hawary, M.E.
Approximation of optimal distributed control problems governed by variational inequalities. Arnautu, V. 40,403
Digital (binary) logic and hardware. Engelberg, G.P. 40,877

Eliot, L.B.
A dialog generator. Kaiser, P.; Stetina, I. 40,479

Elliman, A.D.
Admission delays on virtual routes with window flow control. Reiser, M. 40,156
A busy-tone-multiple-access-type scheme for packet-radio networks. Sidi, M.; Segall, A. 40,232
A survey of formal methods. Bochmann, G.V.; Sunshine, C.A. 40,301
Protocol representation with finite state models. Danthine, A.A.S. 40,741

Elliott, R.W.
A hash code method for detecting and correcting spelling errors. Mor, M.; Fraenkel, A.S. 40,850

Eppich, M.L.
The role of the information professional in the development of videotex services. Thompson, G. 40,419

Erickson, M.D.
Vision system sorts castings at General Motors Canada. Baumann, R.D.; Wilmshurst, D.A. 40,622
Pattern recognition in the factory: an example. Hermann, J.-P. 40,623
Automatic chocolate decoration by robot vision. Cronshaw, A.J. 40,624

Evans, F.
• Machine-independent organic software tools (MINT) (2nd ed.). Godfrey, M.D.; Hendry, D.F.; Hermans, H.J.; Hessenberg, R.K. 40,641

Evans, M.
• Computer-aided design and manufacture. Besant, C.B. 40,148

Evans, M.A.
A GKS interface to a realtime oriented raster workstation for CAD applications. Lindner, R.; Rix, J. 40,351
Application of dynamic programming to multistage batch machining. Sekhon, G.S. 40,361

Fateman, R.J.
Efficient Gaussian elimination method for symbolic determinants and linear systems. Sasaki, T.; Murao, H. 40,106

Fedorowicz, J.
Functions in databases. Graham, M.H. 40,415

Feiner, S.K.
Using program transformations to derive line-drawing algorithms. Sproull, R.F. 40,518

Fenichel, R.R.
Document formatting systems: survey, concepts, and issues. Furuta, R.; Scofield, J.; Shaw, A. 40,525
• The computer cookbook: how to create small computer systems that work for you. Bates, W. 40,719

Fenton, R.G.
Computer aided design language CADLAN. Bigelmaier, A.; Brunner, H.; Strack, H. 40,195

Fernow, J.P.
Analysis of a local-area bus system with controlled access. Bux, W. 40,056

Fettis, H.E.
The iterative solution of a nonlinear Fredholm integral equation arising from a chemical reactor problem. Evans, G.A.; Hyslop, J.; Morgan, A.P.G. 40,092
The indicatrix method in free boundary problems. Fagé, D.M. 40,258
Experience with the parallel solution of partial differential equations on a distributed computing system. Gelenbe, E.; Lichnewsky, A.; Staphylopatis, A. 40,825

Feuer, A.R.
• A practical introduction to PASCAL (2nd ed.). Wilson, I.R.; Addyman, A.M. 40,546
• Principles of programming languages. Tennent, R.D. 40,794

Feuille, F.E.
Functions and characteristics of devices used in computer communications. McGregor, P.V. 40,800

Feustel, E.A.
• Microcomputer experimentation with the MOS technology KIM-1. Leventhal, L.A. 40,212
• Fundamentals of microprocessors. Daley, H.O. 40,865

Figueres, M.
Dynamic hashing schemes. Ramamohanarao, K.; Lloyd, J.W. 40,590

Fliman, R.E.
QLOG—the programming environment for PROLOG in LISP. Komorowski, H.J. 40,237

Firschein, O.
Programmable assembly system research and its applications. Nevins, J.L.; Whitney, D.E.; Graves, S.C. 40,114
Word Autocorrelation Redundancy Match (WARM) technology. Brickman, N.F.; Rosenbaum, W.S. 40,523
• Digital document processing. Hou, H.S. 40,649

Flanagan, B.
• Introduction to computer science: a structured approach (2nd ed.). Graham, N. 40,128

Foulk, C.R.
A tutorial introduction into structured microprocessor software development. Muhlbacher, J.R. 39,988

Frailey, D.J.
• The Atari assembler. Inman, D.; Inman, K. 40,033
The Cambridge Ring UNIX. Collinson, R.P.A. 40,057
More design data for stack architectures. Haikala, I.J. 40,153

Franta, W.R.
Program specification: chapter 4. Staunstrup, J. (Ed.) 40,478

Frautschi, R.L.
A method of automatic word-family building. Debili, F. 40,781
On the development of a model for determining the frequency of occurrence of English language words. O'Mara, K. 40,913

Frederick, W.G.
• Fighting computer crime. Parker, D.B. 40,653

Frederickson, G.N.
Heaps on heaps. Gonnet, G.H.; Munro, J.I. 40,487

Frenkel, W.L.
The dynamics of software project scheduling. Abdel-Hamid, T.K.; Madnick, S.E. 40,787

Freund, R.
Behaviors of processes and synchronized systems of processes. Nivat, M. 40,599

Friedman, F.L.
• Software blueprint and examples. Chu, Y. 40,449
A review of human factors research on programming languages and specification. Curtis, B. 40,752

Friesen, D.K.
Pattern matching in trees. Hoffmann, C.M.; O'Donnell, M.J. 40,005
A method for program synthesis. Szots, M.; Csizmazia, S. 40,191
The IO- and OI-hierarchies. Damm, W. 40,690

Frost, A.R.
• An introduction to programming with S-ALGOL. Cole, A.J.; Morrison, R. 40,453

Fuchel, K.
• Database: a bibliography; vol. 1. Kambayashi, Y. 40,146

Gagliardo, E.
Toward an intelligent editor of digital audio: signal processing methods. Foster, S.; Schloss, W.A.; Rockmore, A.J. 40,360

Gait, J.
On the modeling of parallel access to shared data. Chesnais, A.; Gelenbe, E.; Mitrani, I. 40,395

Analysis of a hybrid access scheme for buffered users-probabilistic time division. Ephremides, A.; Mowafi, O.A. 40,681

Garder, A.O.
- Fourier analysis of numerical approximations of hyperbolic equations. Vichnevetsky, R.; Bowles, J.B. 40,219

Garey, M.R.
The power of non-rectilinear holes. Lingas, A. 40,247
Computational complexity. Preparata, F.P. 40,757

Gatteschi, L.
Decomposition of group flows in regular matroids. Hamacher, H. 40,694

Gebhardt, F.
A hybrid clustering procedure for concentric and chain-like clusters. Murty, M.N.; Krishna, G. 40,418

Gehani, N.
Conformant arrays and strong typing. Moffat, D.V. 40,001
Programming parallel numerical algorithms in ADA. Blum, E.K. 40,317
Programming in ALGOL 68 (as a host) and the usage of FORTRAN (program libraries). van der Laan, C.G. 40,408
- Principles of programming languages: design, evaluation, and implementation. MacLennon, B.J. 40,642

Gelb, J.P.
MINDS: a microprocessor integrated development system for applications in SPC exchanges. Borsotti, A.; Fumagalli, A.; Ciccotti, M.; Papa, M. 40,066

Geller, D.P.
- Computers and life: an integrative approach. Frates, J.; Moldrup, W. 40,444

Gemignani, M.C.
- Taxation for the computer industry. Lane, M.J. 40,151
- An information retrieval system based on a computer model of legal knowledge. Hafner, C.D. 40,221

Automated documentation and decision-making processes: some unavoidable problems. Stoppoloni, S. 40,530
Technical information and information law in the Federal Republic of Germany. Goebel, J. 40,535
- THES/BID: a computer-based thesaurus of terminology in computers and the law. Ciampi, C.; Fameli, E.; Trivisonno, G. 40,871

Georg, D.D.
Optimal memory partitioning among dissimilar processes. Spirn, J.; Tsur, S. 40,485
Concurrent reading while writing. Peterson, G.L. 40,749
Determining fault ratios in multilevel delayed-staging storage hierarchies. Silberman, G.M. 40,751

Germano, F.S.R.
A software design methodology: bridge from requirements specification to software design. Matsumoto, Y. 40,235

Gilmore, J.F.
Logic program specification of numerical integration. Clark, K.L.; McKeeman, W.M.; Sickel, S. 40,256

Gintz, C.J.
- Computer scheduling of public transport: urban passenger vehicle and crew scheduling. Wren, A. (Ed.). 40,149

Cache performance in the VAX-11/780. Clark, D.W. 40,379
- High-speed memory systems. Pohm, A.V.; Agrawal, O.P. 40,447

Gladden, G.R.
A methodology for supporting systems architects during preliminary design. Huff, S.L. 40,785

Gladwell, I.
The indicatrix method. II. Fagé, D. M. 40,089
Programming languages: power, trends, and facilities for numerical computation. Rice, J.R. 40,386
Programming languages for numerical subroutine libraries. Du Croz, J.J. 40,407
Experience with the OLYMPUS system. Roberts, K.V. 40,433

Glass, R.L.
The preparation of guidelines for portable programming in high-level languages. Wallis, P.J.L. 40,385
- Foundations of software design. Leathrum, J.F. 40,640

Glintz, C.J.
Cache Memories. Smith, A.J. 39,984

Gonzales, M.G.
- Fundamentals of FORTRAN programming (2nd ed.). Nickerson, R.C. 40,215
- The impact of microelectronics technology. Jack, M. (Ed.) 40,283
- FORTRAN optimization. Metcalf, M. 40,545

Gorsline, G.W.
Design and implementation of a microprocessing unit with flexible architecture. Iizuka, H. 40,059
- The theory and practice of reliable system design. Siewiorek, D.P.; Swarz, R.S. 40,133
- Microcomputer interfacing. Stone, H.S. 40,211

Supercomputers = colossal computations + enormous expectations + renowned risk. Lincoln, N.R. 40,803

Gould, N.I.M.
Reduced quasi-Newton methods with feasibility improvement for nonlinearly constrained optimization. Gabay, D. 40,901

Gove, N.B.
The METEO system. Thouin, B. 40,201
Working with the Weidner machine-aided translation system. Hundt, M.G. 40,202

Gray, F.G.
Algorithms for finding diagnosability level and t-diagnosis in a network of processors. Bhat, K.V.S. 40,158
- Logic design and computer organization. Lewin, M.H. 40,637

Greenburg, A.G.
Applications-oriented AI research: science. [In *The handbook of artificial intelligence; vol. 2.* A. Barr and E.A. Feigenbaum (Eds.).] 40,706
Applications-oriented AI research: medicine. [In *The handbook of artificial intelligence; vol. 2.* A. Barr and E.A. Feigenbaum (Eds.).] 40,707

Grimson, J.B.
Current state of research on the theoretical aspect of database systems and knowledge base systems in Japan. Ohsuga, S. 40,097
- Databases for networks and minicomputers. Chorafas, D.N. 40,292

A simple guide to five normal forms in relational database theory. Kent, W. 40,414
Buffer management turned to database access behavior. Umemura, M.; Hakozaki, K. 40,768

Groetsch, C.W.
An extrapolation method with stepsize control for nonlinear Volterra integral equations. Hock, W. 40,093
Fast Numerical solution of Fredholm intergral equations with stationary kernels. Ljung, S.; Ljung, L. 40,605

Groff, G.T.
Structured systems analysis and the problem statement language (PSL) as a combined methodology in the teaching of system analysis and design. Thomas, R.J.; Kirkham, J.A. 40,234

Gruener, W.B.
Industrial software training opportunities for computer professionals. Martin, N. 40,277
A look at Japan's development of software engineering technology. Kim, K.H. 40,810

Grunbaum, W.F.
Towards a normalized language to clarify the structure of legal discourse. Allen, L.E. 40,516
Model for a legal semantic field glossary of semantic subsets for legal automated documentation. Trivisonno, G. 40,527
Electronic data processing and the operational modernization of the administration of justice. Borruso, R.; Giannantonio, E. 40,528
- Improving prosecution? The inducement and implementation of innovations for prosecution management. Weimer, D.L. 40,553

Guida, G.
Search algorithms under different kinds of heuristics—a comparative study. Bagchi, A.; Mahanti, A. 40,406

Gustafson, D.A.
Program specifications applied to a text formatter. Feather, M.S. 40,595
- Numerical solution of partial differential equations in science and engineering. Lapidus, L.; Pinder, G.F. 40,039

Finite dimensional approximation of nonlinear problems. Part III: simple bifurcation points. Brezzi, F.; Rappaz, J.; Raviart, P.-A. 40,496

Gwyn, D.A.
- Software tools in PASCAL. Kernighan, B.W.; Plauger, P.J. 39,968

Gyness, J.N.
Remarks on optimal Chebyshev-type quadratures. Förster, K.-J. 40,087

Haddad, D.C.
Validation of data obtained during exposure of human volunteers to air pollutants. Glover, D.E.; Hall, R.G.; Trilling, R.J.; Coston, A.W.; Stacy, R.W. 40,853

Hailpern, B.T.
Verification of concurrent programs: the temporal framework. Manna, Z.; Pnueli, A. 40,077
The distributed programming language SR—mechanisms, design, and implementation. Andrews, G.R. 40,318

Hall, N.R.
The choice coordination problem. Rabin, M.O. 40,756
Measuring the performance and behavior of ICON programs. Coutant, C.A.; Griswold, R.E.; Hanson, D.R. 40,888

Hallgren, C.L.
- Documenting computer application systems: concepts and techniques. Kelly, D.A. 40,793

Hammer, J.M.
Analytic tools for human factors of software. Reisner, P. 40,906

Hammerton, J.C.
External information services: a survey of behavioral aspects of demand. Methlie, L.B.; Tverstol, A.M. 40,855

Hankley, W.J.
A specification language. Soerensen, I.H. 40,306
- Studies in ADA style (2nd ed.). Hibbard, P.; Hisgen, A.; Rosenberg, J.; Shaw, M.; Sherman, M. 40,542

Hansen, W.J.
On-the-fly garbage collection: new algorithms inspired by program proofs. Ben-Ari, M. 40,490
The number of states of a dynamic storage allocation system. McIlroy, M.D. 40,679

Harel, D.
- Computability and unsolvability. Davis, M. 40,373

A denotational framework for data flow analysis. Nielson, F. 40,673

Harris, D.R.
Using technical intervention to behavioral advantage. Birrell, J.A.; White, P.N. 40,838

Harrison, P.G.
Approximating response time distribution in closed queueing network models of computer performance. Salza, S.; Lavenberg, S.S. 40,322

Harrow, K.
A new proof technique to establish equivalence of the original and the generated lambda-free CFG with linear increase in size. Navlakha, J. 40,597
Finite state relational programs. Slutzki, G. 40,817

Harvey, A.C.
- Evaluating the reliability of macroeconomic models. Chow, G.C.; Corsi, P. (Eds.) 40,295

Hazeltine, B.
New worlds of computer-mediated work. Zuboff, S. 40,784
The trade union movement, research and data technology. Keul, V. 40,916

Heilbrunner, S.
Sharp characterizations of squarefree morphisms. Crochemore, M. 40,085

Henschen, L.J.
Logic for data description. Kowalski, R. 40,500
Deductive planning and pathfinding for relational databases. Kellogg, C.; Klahr, P.; Travis, L. 40,501
An experimental relational database system based on logic. Minker, J. 40,502
Deductive question-answering on relational databases. Reiter, R. 40,514

Herberts, L.G.
- Microcomputers in large organizations. Madron, T.W. 40,367

Herbison-Evans, D.
An industrial perspective on solid modeling. Myers, W. 40,115

Herman, G.T.
A general system for computer based acquisition, analysis, and display of medical image data. Schlusselberg, D.S.; Smith, W.K.; Lewis, M.H.; Culter, B.G.; Woodward, D.J. 40,359
Backscatter and attenuation imaging from ultrasonic scanning in medicine. Farrell, E.J. 40,851

Hevner, A.R.
An experimental distributed modeling system. Nutt, G.J. 40,881

Hierons, M.J.
• The accountants' guide to computer systems. Perry, W.E. 39,981

Hirschfelder, J.J.
A costing model for software conversions. Wolberg, J.R. 40,310
• Programmer productivity: myths, methods, and murphology; a guide for managers, analysts, and programmers. Arthur, L.J. 40,740

Hirshberg, D.S.
A new class of two stage parallel sorting schemes. Cheung, J.; Dhall, S.; Lakshmivarahan, S.; Miller, L.; Walker, B. 40,172

Hirst, G.J.
New research on expert systems. Buchanan, B.G. 40,107
A human factors engineer's introduction to speech synthesizers. Michaelis, P.R.; Wiggins, R.H. 40,298
Fundamentals of the knowledge engineering problem. Quinlan, J.R. 40,422
Cooperative responses from a portable natural language system. Kaplan, S.J. 40,619
Points: a theory of the structure of stories in memory. Wilensky, R. 40,912

Hodes, L.
Computers in the world of chemistry. Lykos, P. 40,197
Chapter 2: visual processing techniques. [In *Robot vision*, A. Pugh (Ed.).] 40,774

Hoffer, E.P.
Knowledge-based identification of artery branches in cine-angiograms—an image understanding system which utilizes production-type knowledge. Tsuji, S.; Nakano, H. 40,348
Medical consultation system with practical requirements—development of MECS-AI. Kaihara, S.; Koyama, T. 40,349

Hoffman, W.S.
Measuring the quality of structured designs. Troy, D.A.; Zweben, S.H. 40,162

Hoffmann, C.M.
Naming by colors: a graph-theoretic approach to distributed structure. Roberts, J.D. 40,011
Distributed computation on graphs: shortest path algorithms. Chandy, K.M.; Misra, J. 40,338
On the costs of optimal and near-optimal binary search trees. Allen, B. 40,687
Normal forms for trivalent graphs and graphs of bounded valence. Furer, M.; Schnyder, W.; Specker, E. 40,903

Hollaar, L.A.
A hardward hashing scheme in the design of a multiterm string comparator. Burkowski, F.J. 40,659

Hollander, C.R.
• Conversion of competer software. Wolberg, J.R. 40,138

Honkanen, P.A.
• The computer package STATCAT: source programs and user manual. David, H. 40,145
Computer aided design of database internal schema. Sarda, N.L.; Isaac, J.R. 40,262

Hoplin, H.P.
Performance enhancements to a relational database system. Stonebraker, M.; Woodfill, J.; Ranstrom, J.; Murphy, M.; Meyer, M.; Allman, E. 40,698

Hořejš, J.
On testing nontestable programs. Weyuker, E.J. 40,669

Horspool, R.N.S.
Meta-assembly: a fresh assessment. Fiddian, N.J. 40,579
Free store distribution under random fit allocation: part 3. Reeves, C.M. 40,750

Houston, S.
• Introduction to multidimensional scaling. Schiffman, S.S.; Reynolds, M.L.; Young, F.W. 40,460

Huang, T.C.
Analysis of secondary storage fragmentation. Leung, C.H.C. 40,486

Huet, G.P.
Attribute grammars and recursive program schemes I; and Attribute grammars and recursive program schemes II. Courcelle, B.; Franchi-Zannettacci, P. 40,083

Hultquist, P.F.
A unified approach to shaft calculations using a microcomputer. Ellis, J. 40,123

Hummel, R.
Survey of model-based image analysis systems. Binford, T.O. 40,018

Hutchinson, G.H.
• Computer-aided modeling and simulation. Spriet, J.A.; Vansteenkiste, G.C. 40,047

Ibbett, R.N.
Historic progress in architectures for computers and systems. Kartashev, S.P.; Kartashev, S.I.; Vick, C.R. 40,229
Circuit-switched network layer. Folts, H.C. 40,473
Packet-switched network layer. Rybczynski, A. 40,474
Packet-switched network layer for short messages. Folts, H.C. 40,475

Ivanovic, V.G.
On the allocation of binary trees to secondary storage. Sprugnoli, R. 40,320
The Byzantine Generals Problem. Lamport, L.; Shostak, R.; Pease, M. 40,382

Iyengar, S.S.
A class of approximations for the waiting time distribution in a GI/G/1 queueing system. Fredericks, A.A. 40,607
Semi-autonomous acquisition of pattern-based knowledge. Quinlan, J.R. 40,618
Discrete event simulation based on communicating sequential processes. Kaubisch, W.H.; Hoare, C.A.R. 40,776

James, E.B.
SAFE: a stand alone fast editor. Gal, T.; Agusa, K.; Ohno, Y. 40,122
System message design: guidelines and experimental results. Shneiderman, B. 40,411

Jenkins, G.K.
• Microprocessor instruction sets and software principles. Heiserman, D.L. 39,965
Routing protocols. Schwartz, M.; Stern, T.E. 40,299
Videotex terminal protocols. Green, P.E. 40,704

Jensen, K.
Translating Spanish into logic through logic. Dahl, V. 40,014

Jensen, P.S.
• Numerical methods: a software approach. Johnston, R.L. 40,143

Johnson, M.S.
A very high-level interactive graphical trace for the PASCAL heap. Getz, S.L.; Kalligiannis, G.; Schach, S.R. 40,807

Jones, C.
• Software engineering economics. Boehm, B.W. 39,970

Jurgensen, H.
• The science of programming. Gries, D. (Ed.) 40,725

Kallman, E.A.
• The design of complex information systems: common sense methods for success. Booth, G.M. 40,468

Kandel, A.
Approximate reasoning and possibilistic models in classification. Yager, R.R. 40,096
An effective structured approach to finding optimal partitions of networks. Widjaja, H. 40,695

Kaplan, I.L.
A microprogrammed P-code interpreter for the Data General Eclipse S/130 minicomputer. Hall, J.A. 40,470

Karna, K.N.
• Introduction to interactive computer graphics. Scott, J.E. 39,979

Kaufman, A.
Hidden line elimination in projected grid surfaces. Anderson, D.P. 40,629

Kaujalgi, V.B.
Using semantic knowledge for transaction processing in a distributed database. Garcia-Molina, H. 40,613

Kelly, M.D.
Survey, picture processing: 1981. Rosenfeld, A. 40,275
Interpreting line-drawings as three-dimensional surfaces. Barrow, H.G.; Tenenbaum, J.M. 40,429
A revolution in hardware systems design and its implications for the graphics community. Clark, J.H. 40,658
Practical machine intelligence. Sacerdoti, E.D. 40,839

Kerner, I.O.
Intelligent systems in education. O'Shea, T. 40,617

Kerns, J.R.
• An analysis of sparse matrix storage schemes. Veldhorst, M. 40,646

Kilov, H.
• The craft of programming. Reynolds, J.C. 39,967

Kimble, G.W.
The impact of computers on numerical analysis. Buley, E.R.; Pennington, R.H. 40,761

Kincaid, D.R.
• Software for roundoff analysis of matrix algorithms. Miller, W.; Wrathall, C. 40,038

King, J.L.
A nondevelopmental MIS strategy for small organizations. Kole, M.A. 40,786

King, K.N.
Error recovery with attribute grammars. Boccalatte, A.; Di Manzo, M.; Sciarra, D. 40,494
Systolic automata for VLSI on balanced trees. Culik, K., II; Gruska, J.; Salomaa, A. 40,818

King, R.B.
Applications for the Lipton and Tarjan's planar separator theorem. Chiba, N.; Nishizeki, T.; Saito, N. 40,594
Smallest-last ordering and clustering and graph coloring algorithms. Matula, D.W.; Beck, L.L. 40,830

Klaeren, H.A.
An approach to hierarchical and modular program construction and verification—the ι programming system. Nakajima, R. 40,327
Algebraic semantics of recursive flowchart schemes. Schmeck, H. 40,401
The copying power of one-state tree transducers. Engelfriet, J.; Skyum, S. 40,600

Kleinrock, L.
Queueing analysis of a reordering system. Feuvre, J.-M. 40,498

Klerer, M.
STOIC, an interactive programming system for dedicated computing. Sachs, J.M.; Burns, S.K. 40,580

Kohler, W.H.
• The Cambridge distributed computing system. Needham, R.M.; Herbert, A.J. 40,364

Koller, H.R.
Should algorithms be patentable? Gemignani, M. 40,206

Kolodner, J.L.
BORIS—an experiment in in-depth understanding of narratives. Lehnert, W.G.; Dyer, M.G.; Johnson, P.N.; Yang, C.J.; Harley, S. 40,841

Kopriva, J.
On the development of the algebra of functional programs. Williams, J.H. 40,060

Korth, H.F.
A theorem in database concurrency control. Papadimitriou, C.H. 40,417

Koshakow, M.
• CP/M assembly language programming. Barbier, K. 40,371

Kowaltowski, T.
• Automatic storage optimization. Fabri, J. 40,730

Kraft, D.H.
Interactive computer programs for fuzzy linear programming with multiple objectives. Sakawa, M. 40,902
An algebraic approach to information retrieval systems. Ras, Z.W. 40,910

Kreutzer, W.
Computer system stimulation in PASCAL. Hac, A. 40,524

Kritzinger, P.S.
Queueing network models of packet switching networks, part 1: open networks. Wong, J.W.; Lam, S.S. 39,992
Computational algorithms for state-dependent queueing networks. Sauer, C.H. 40,666

Kurzban, S.A.
MODOSK: a modular distributed operating system kernel for real-time process control. Garetti, P.; Iaface, P.; Rivoira, S. 40,002

Lakshmivarahan, S.
• Introductory theory of computer science. Krishnamurthy, E.V. 40,548

Lambert, J.D.
On the stability of backward differentiation methods. Gekeler, E. 40,179
Lambert, R.W., Jr.
Standardization of hospital applications and the problems. Thompson, G. 40,780
Lansky, A.
Achieving distributed termination without freezing. Francez, N.; Rodeh, M. 40,883
Larson, A.G.
Digital computer architecture. Engelberg, G.P.; Hughes, W.R.; Howard, J.A. 40,471
Peripheral devices and data communications. Rudd, W.G. 40,566
Digital computer/process interfacing. Hughes, W.R. 40,567
Logic networks of carry-save adders. Lai, H.C.; Muroga, S. 40,656
A fault-tolerant system architecture for Navy applications. Comfort, W.B. 40,882
Leavitt, R.P.
• Beginning programming with ADA. Saxon, J.A.; Fritz, R.E. 40,643
A sound and complete Hoare axiomatization of the ADA-rendezvous. Gerth, R. 40,891
Lebowitz, M.
An interesting subset of natural language. Colmerauer, A. 40,270
A survey of natural language processing and machine translation in Japan. Nagao, M. 40,271
A narrative schema in procedural logic. Simmons, R.F. 40,272
Lecarme, O.
An overview of high-level languages. Sammet, J.E. 40,067
• Writing interactive compilers and interpreters. Brown, P.J. 40,139
• Software tools in PASCAL. Kernighan, B.W.; Plauger, P.J. 40,285
• Macro processors (2nd ed.). Cole, A.J. 40,454
• Portable programming. Wallis, P.J.L. 40,541
Lee, E.Y.S.
Task allocation in distributed systems: a survey of practical strategies. Price, C.C. 40,169
Lee, H.
A file server for a network of low-cost personal microcomputers. Dellar, C.N.R. 40,564
Lee, J.A.N.
• Formal specification and software development. Bjorner, D.; Jones, C.B. 40,213
Programming languages and systems. Ball, W.E. 40,889
Lehnert, W.G.
Roles, co-descriptions, and the formal representation of quantified English expressions. Martin, W.A. 40,015
Artificial intelligence and human factors engineering: a necessary synergism in the interface of the future. Michaelis, P.R.; Miller, M.L.; Hendler, J.A. 40,426
Leigh, W.E.
A dialog generator and its use in DSS design. Benbasat, I.; Wand, Y. 40,616
Lemone, K.A.
A supernormal-form theorem for context-free grammars. Maurer, H.A.; Salomaa, A.; Wood, D. 40,823
Leng, P.H.
Optimal insertion of software probes in well-delimited programs. Probert, R.L. 40,670
Lester, C.
On some decidable properties of finite state translations. Demers, A.; Keleman, C.; Reusch, B. 40,897
Leverett, B.W.
On the power of traps and diversions in a document preparation language. Witten, I.H.; Bonham, M.; Strong, E. 40,526
Parallel generation of postfix and tree forms. Dekel, E.; Sahni, S. 40,812
Levine, J.R.
Joined normal form: a storage encoding for relational databases. Babb, E. 40,100
Lincoln, H.B.
Toward an intelligent editor of digital audio: recognition of muscial constructs. Chafe, C.; Mont-Reynaud, B.; Rush, L. 40,203
From computer music to the theater: the realization of a theatrical automaton. Cavaliere, S.; Papadia, L.; Parascandolo, P. 40,854
Lindsay, R.K.
Artificial intelligence, philosophy, and existence proofs. Nelson, R.J. 40,772
Brains, machines, and crystals of knowledge. Spinelli, D.N.; Jensen, F.E. 40,840
Lions, J.
UNIX as a basis for CAD software. Rosenthal, D.S.H. 40,204
Loeckx, J.
A verification condition generator for FORTRAN. Boyer, R.S.; Moore, J.S. 40,064
A system for reasoning within and about algebraic specifications. Leszczylowski, J.; Wirsing, M. 40,581
Lomet, D.B.
Expected worst-case performance of hash files. Larson, P.-A. 40,399
Lorentz, R.J.
Adequacy properties of path programs. Best, E. 40,763
Lowther, J.L.
A modification of the lambda-calculus as a base for functional programming languages. Berkling, K.J.; Fehr, E. 40,314
LOGLISP: motivation, design, and implementation. Robinson, J.A.; Sibert, E.E. 40,315
Lucido, A.P.
• Real-time/parallel computing image analysis. Onoe, M.; Preston, K., Jr.; Rosenfeld, A. (Eds.) 39,980
Luckom, I.
• Introduction to computer science using PASCAL. Glinert, E.P. 40,547
Maddox, T.L.
Comprehensive tools for assembler construction. Collins, W.R.; Noonan, R.E.; Gregory, S.T.; Knight, J.C.; Hamm, R.W. 40,813
Mahan, R.E.
• Reliability evaluation of some fault-tolerant computer architectures. Osaki, S.; Nishio T. 40,538
Data communication in Israel—present and future. Biran, D. 40,559
Datanet 1 of the Netherlands' PTT. van den Burg, J.M. 40,562
Maisel, H.
• Computational probability. Kahn, P.M. (Ed.) 40,647
Marcotty, M.
PORTAL—a PASCAL-based real-time programming language. Schild, R. 40,069
Marcus, R.S.
Abbreviations for automated systems: teaching operators the rules. Ehrenreich, S.L.; Porcu, T. 40,340
A linguistic tool for legal data retrieval. Stanta, A.A.; Jannucci, B.I.; Parenti, L.; Elmi, G.T.; Biagioli, C.; Biagini, P.M.; Natali, F.S.; Tiscornia, D. 40,511
An IS&R system based on Turkish language. Koymen, K. 40,701
Markowitz, V.M.
The design and implementation of CODD. King, T.J.; Moody, J.K.M. 40,610
Marsland, T.A.
• All about chess and computers. Levy, D.; Newborn, M. 40,736
Matthews, M.M.
• The C primer. Hancock, L.; Krieger, M. 40,644
A VLSI layout for a pipelined Dadda multiplier. Cappello, P.R.; Steiglitz, K. 40,655
Matyas, S.M.
Ciphertext only attack on the Merkle-Hellman public-key system under broadcast situations. Miller, D.V. 40,591
Mayer, H.G.
Vector execution of flow graphs. Strong, H.R. 40,380
Inner loops in flow graphs and code optimization. Vasudevan, S. 40,584
Mayforth, G.R.
Retargetable compiler code generation. Ganapathi, M.; Fischer, C.N.; Hennessy, J.L. 40,748
McClenon, R.
Locality of reference in hierarchical database systems. Kearns, J.P.; Defazio, S. 40,836
McGee, W.C.
Locking primitives in a database systems. Korth, H.F. 40,507
McGraw, J.
Concurrent LISP and its interpreter. Tabata, K.; Sugimoto, S.; Ohno, Y. 40,674
McGregor, J.D.
Comparing two microcomputer operating systems: CP/M and HDOS. Pechura, M.A. 40,588
McLean, J.D.
Partial correctness of distributed programs. Coleman, D.; Gallimore, R.M. 40,309
Specification and derivation of programs. Sickel, S. 40,330
Lectures on a mathematical theory of computation. Scott, D.S. 40,596
McNaughton, R.
Pushdown automata on arrays. Shah, A. 40,755
Mead, G.P.
In favor of system prototypes and their integration into the systems development cycle. Dearnley, P.A.; Mayhew, P.J. 40,860
Meads, J.A.
Modeling and validating the man-machine interface. Casey, B.E.; Dasarathy, B. 40,004
Mendelzon, A.O.
Logic for improving integrity checking in relational databases. Nicholas, J.-M. 40,699
Mericas, A.E.
• Structured problem solving with PASCAL. Mazlack, L.J. 40,729
Messerschmidt, J.
• A programming methodology in compiler construction; part 1: concepts. Lewi, J.; De Vlaminck, K.; Huens, J.; Huybrechts, M. 40,455
• A programming methodology in compiler construction; part 2: implementation. Lewi, J.; De Vlaminck, K.; Huens, J.; Steegmans, E. 40,456
On the generative power of sequential and parallel programmed graph grammars. Bunke, H. 40,760
Metz, S.J.
The prime memory system for array access. Lawrie, D.H.; Vora, C.R. 40,472
The design of vector programs. Bossavit, A.; Meyer, B. 40,477
Metzner, J.R.
• Decision tables in software engineering. Hurley, R.B. 40,137
• Structured programming using PL/I (2nd ed.). Hume, J.N.P.; Holt, R.C. 40,217
Decision tables for general-purpose scientific programming. Lew, A. 40,573
Meyer, G.S.
• Information society: for richer, for poorer. Bjoern-Andersen, N.; Earl, M.; Holst, O.; Mumford, E. (Eds.) 40,377
Meyer, J.
A robot vision lab concept. Vamos, T.; Bathor, M. 40,273
Mihalo, W.E.
A structured approach to computer graphics for mathematical uses. Harding, R.D. 40,782
• Computer graphics and reporting financial data. Jarett, I.M. 40 874
Mili, A.
A specification method for specifying data and procedural abstractions. Claybrook, B.G. 40,899
Minker, J.
• Logic for problem solving. Kowalski, R. 39,978
• Logic programming. Clark, K.L.; Tarnlund, S.-A. (Eds.) 40,222
Logic as a computer language. Kowalski, R. 40,267
Minkoff, M.
On solving a primal geometric program by partial dual optimization. Rosenberg, E. 40,601
The application of optimal control methodology to nonlinear programming problems. Murray, D.M.; Yakowitz, S.J. 40,602
Determining feasibility of a set of nonlinear inequality constraints. Schnabel, R.B. 40,603
Mirsepassi, T.J.
• Nonlinear system theory: the Volterra/Wiener approach. Rugh, W.J. 40,144
Computer representation of real numbers. Gerrity, G.W. 40,692
Mirzaian, A.
An expression model for extraction and evaluation of parallelism in control structures. Wei, M.C.; Sholl, H.A. 40,898
Modell, M.E.
• The data processing manager's survival manual: a guide for managing people and resources. Singer, L.M. 40,738
Molluzzo, J.C.
A comment on the decomposition of flowchart schemata. Willlams, M.H. 40,574

Moloney, J.M.
PDL/ADA—a design language based on ADA. Sammet, J.E.; Waugh, D.W.; Reiter, R.W., Jr. 40,481
Mondal, K.
Microcomputers: applications, problems, and promise. Gammill, R.C. 40,302
Monmonier, M.S.
Map and line-drawing processing. Freeman, H. 40,117
Extracting line maps from images. Jimenez, J.; Navalon, J.L. 40,353
Moore, J.
• Programming embedded systems with ADA. Downes, V.A.; Goldsack, S.J. 40,370
Simulation of procedure variables using ADA tasks. Lamb, D.A.; Hilfinger, P.N. 40,577
Moranda, P.B.
Verification of complex programs and microprograms. Negrini, R.; Sami, M.G.; Stefanelli, R. 40,480
Moreland, R.A.
• Computational methods in elementary numerical analysis. Morris, J.L. 40,732
Moret, B.M.E.
Fixed-bucket binary storage trees. Knott, G.D. 40,072
Fast detection of polyhedral intersections. Dobkin, D.P.; Kirkpatrick, D.G. 40,686
Parallelism in alpha-beta search. Finkel, R.A.; Fishburn, J.P. 40,713
Morf, M.
Fast recursive estimation using the lattice structure. Shichor, E. 40,257
Morris, J.M.
The improvement of instruction, learning, and performance. Landa, L.N. 40,435
Mosteller, H.W.
Conjugate gradient methods for linearly constrained nonlinear programming. Shanno, D.F.; Marsten, R.E. 40,009
Moyne, J.A.
Machine translation and people. Lawson, V. 40,198
Types of translation and text forms in the environment of machine translation (MT). Sager, J.C. 40,199
The evolution of machine translation systems. Hutchins, W.J. 40,200
Muchnick, S.S.
• Real time languages: design and development. Young, S.J. 40,369
Muller, M.E.
• Communications and the future: prospects, promises, and problems. Didsbury, H.F., Jr. (Ed.) 40,150
Mullin, A.A.
Is computer science based on the wrong fundamental concept of "program"? Backus, J. 40,061
Concept sensitive formal language for task specification. Gergely, T.; Vershinin, K.P. 40,076
Time models for programming logics. Gergely, T.; Ury, L. 40,249
Repaying our debts. Dijkstra, E.W. 40,896
Mullin, J.K.
A practical guide to the design of differential files for recovery of online databases. Aghili, H.; Severance, D.G. 40,073
Munro, J.I.
Computer-aided complexity classification of combinatorial problems. Lageweg, B.J.; Lenstra, J.K.; Lawler, E.L.; Rinnooy Kan, A.H.G. 40,685
Muroga, S.
Circuit idea for expanding the 8086-based single-board computer. Veerabhadraiah, S.; Augustine, A.; Mathew, J. 39,987
Murray, T.J.
• Learning BASIC step by step. McDermott, V.; Fisher, D.M. 40,214
Users are individuals: individualizing user models. Rich, E. 40,697
Myrna, J.W.
APL tools and techniques and their effect on good programming style. Cook, T.W. 40,313
Nadler, M.
• Machine perception. Nevatia, R. 40,294
Second generation robotics. Pugh, A. 40,621
Computer vision in industry—the next decade. Rossol, L. 40,632
Nagl, M.
A practical method for reducing weak precedence parsers. Aoe, J.; Yamamoto, Y.; Shimada, R. 40,677
Nance, R.E.
IBM contributors to computer performance modeling. Bard, Y.; Sauer, C.H. 40,362
• Computer systems performance modeling. Sauer, C.H.; Chandy, K.M. 40,789
Naumann, J.D.
Quantifying software quality. Mendis, K.S. 40,240
• Structured COBOL report writer: a programmer's productivity tool. Schechter, D.; Yvkoff, G.W. 40,544
How a computer should talk to people. Dean, M. 40,885
Naur, P.
Methodology and experimental research in software engineering. Moher, T.; Schneider, G.M. 40,682
Navlakha, J.K.
• Guide to good programming practice (2nd ed.). Meek, B.; Heath, P.; Rushby, N. (Eds.) 40,791
Nellis, J.L.
Legal protection of computer graphics software. Lavey, W.G. 40,859
Nestor, C.W.
Comparison of numerical methods for stiff differential equations in biology and chemistry. Gottwald, B.A.; Wanner, G. 40,012
Newbery, A.C.R.
An overflow/underflow-free floating point representation of numbers. Matsui, S.; Iri, M. 40,691
Nicholson, L.K.
The STAB multiprocessing environment for CYBA-M. Artym, R. 40,586
Nirenburg, S.
Automatic scaling of digital print fonts. Casey, R.G.; Friedman, T.D.; Wong, K.Y. 40,521
Cursive script recognition by elastic matching. Tappert, C.C. 40,631
Noonan, R.E.
Input-directed program design. Logrippo, L. 40,893
Noreault, T.
EMIS: a new professional medium for scientists. Sears, J.L. 40,102
A data stream database computer. Tanaka, Y. 40,181
Norman, C.E.
Automatic program improvement: variable usage transformations. Maher, B.; Sleeman, D.H. 40,708
Novatchev, D.D.
Display condensation of program text. Archer, J., Jr.; Conway, R. 40,777
Novotny, E.J.
• Computers and politics: high technology in American local governments. Danziger, J.N.; Dutton, W.H.; Kling, R.; Kraemer, K.L. 39,982
The impact of office automation on the organization: some implications for research and practice. Olson, M.H.; Lucas, H.C., Jr. 40,187
Section 9: legal requirements for computer security. [In *Advances in computer system security*, R. Turn (Ed.).] 40,534
Oldehoeft, R.R.
Robust data types. Cristian, E. 40,316
• Principles of concurrent programming. Ben-Ari, M. 40,539
Oniga, T.
Embedding metric spaces into CPOs. Weihrauch, K.; Schreiber, U. 40,174
Chess endgame advice: a case study in computer utilization of knowledge. van Emden, M.H. 40,515
O'Rourke, J.
An approach to a calculation-minimized hidden line algorithm. Hornung, C. 40,116
Structure from motion of rigid and jointed objects. Webb, J.A.; Aggarwal, J.K. 40,625
Osborn, S.L.
Formal semantics for time in databases. Clifford, J.; Warren, D.S. 40,767
Oseas, J.
Specifying and verifying protocols represented as abstract programs. Hailpern, B.T. 40,157
• Secrecy, authentication, and public key systems. Merkle, R.C. 40,458
Section 5: communications security. [In *Advances in computer system security*, R. Turn (Ed.).] 40,488
How to exchange (secret) keys. Blum, M. 40,684
Ottenstein, K.J.
• USCD PASCAL: a beginner's guide to programming microcomputers. Hume, J.N.P.; Holt, R.C. 40,288
Ozkarahan, E.A.
Database machine with magnetic-bubble memory. Uemura, S.; Yuba, T.; Kokubu, A.; Ooomote, R. 40,344
Padula, T.E.
An introduction to network computers. Wittie, L.D.; van Tilborg, A.M. 40,154
SNA higher-layer protocols. Hoberecht, V.L. 40,300
Pagan, F.G.
A combined lexical, syntactic, and semantic approach for improving notation. Wells, M.B. 40,312
Pass, E.M.
Using microcomputers as satellites in a time-sharing environment. Steen, L.A.; Seebach, J.A., Jr. 40,155
• Computer network architectures. Meijer, A.; Peeters, P. 40,448
• Practical aspects of data communications Kraeger, P. 40,639
Patton, P.C.
The finite element method with non-uniform mesh sizes applied to the exterior Helmholtz problem. Goldstein, C.I. 40,090
Payne, A.J.
A representation approach to the Tower of Hanoi problem. Er, M.C. 40,759
Paz, A.
On the computational power of automata with time or space bounded by Ackerman's or superexponential functions. Tao, R. 40,171
Peters, F.J.
An effective implementation for the generalized input-output construct of CSP. Buckley, G.N.; Silberschatz, A. 40,392
Peters, J.
Factoring via superencryption. Berkovits, S. 40,324
Peterson, G.
Applying simple theory of types to databases. Materna, P.; Pokorny, J. 40,080
Derived pairs, overlap closures, and rewrite dominoes: new tools for analyzing term rewriting systems. Guttag, J.V.; Kapur, D.; Musser, D.R. 40,689
Petry, F.E.
An approach to the automatic recognition of speech. Pay, B.E.; Evans, C.R. 40,620
Plemmons, R.J.
A new implementation of sparse Gaussian elimination. Schreiber, R. 40,086
On the *LU* factorization of *M*-matrices. Varga, R.S.; Cai, D.-Y. 40,255
Podolsky, J.L.
• Data processing and computer studies. Willmott, G. 40,718
The contribution of artificial intelligence to the human factors of application software. von Hahn, W. 40,907
Poiker, T.K.
Some experiments in image vectorization. Jiminez, J.; Navalon, J.L. 40,773
Pomentale, T.
• Practical methods of optimization; vol. 1: unconstrained optimization. Fletcher, R. 40,459
Poole, W.G.
On fixed point linear equations. Milaszewicz, J.P. 40,332
Postel, J.
A theory for protocol validation. Holzman, G.J. 40,665
Powell, A.J.
Object oriented operating systems: an emerging design methodology. Pashtan, A. 40,321
A symbol table abstraction to implement languages with explicit scope control. Cook, R.P.; LeBlanc, T.J. 40,583
A simulator for teaching the internal workings of an assembler. Williams, M.H.; Pote, G.R.; Brooks, J.P. 40,783
Powers, V.M.
• Microprocessor systems design; vol. 2: microcoding, array logic, and architectural design. Klingman, E.E. 40,131
Proskurowski, A.
Cycle structure in discrete-density models. Rogers, T.D.; Pounder, J.R. 40,094
Prywes, N.S.
Programming with equations. Hoffmann, C.M.; O'Donnell, M.J. 40,391

Radensky, A.A.
Maximal objects and the semantics of universal relation databases. Maier, D.; Ullman, J.D. 40,412
Rader, R.J.
Control-oriented languages (table-driven software). Smith, C.L. 40,383
Real-time BASIC. Mellichamp, D.A. 40,387
Real-time FORTRAN. White, J.W. 40,482
Radzikowski, P.
A decision theory and scene analysis based approach to remote sensing. Catanzariti, E. 40,017
Raghavan, V.V.
Distributed deadlock detection. Chandy, K.M.; Misra, J.; Haas, L.M. 40,801
Raiha, K.-J.
Algebras, theories and freeness: an introduction for computer scientists. Burstall, R.M.; Goguen, J.A. 40,592
Raiser, W.L.
The mechanization of work. 40,857
Ralston, A.
• Introductory combinatorics. Bogart, K.P. 40,733
Randell, B.
Implementing atomic actions on decentralized data. Reed, D.P. 40,264
Rao, S.G.
Visually interactive gripping of engineering parts from random orientation. Page, C.J.; Pugh, A. 40,354
Raphael, B.
The nature of heuristics. Lenat, D.B. 40,843
Rappaport, D.M.
A measurement center for the NBS local area computer network. Amer. P.D. 40,563
Raskin, J.
• Introduction to computer music. Bateman, W.A. 40,554
Rattazzi, G.U.
Deadlock avoidance revisited. Minoura, T. 40,484
A practical extension to UNIX for interprocess communication. Blair, G.S.: Mariani, J.A.; Shepherd, W.D. 40,585
Guardians and actions: linguistic support for robust, distributed programs. Liskov, B.; Schiefler, R. 40,892
Ray, J.R.
• Campus computing strategies. McCredie, J.W. (Ed.) 40,296
Read, R.C.
Signed graph coloring. Zaslavsky, T. 40,337
Reese, R.M.
Syntax directed program editing. Allison, L. 40,886
Choosing better line breaks. Plass, M.F.; Knuth, D.E. 40,914
Reid, B.
Regulation of electronic funds transfer: impact and legal issues. Zaki, A.S. 40,432
Computer-induced improvements in the administration of justice. Hamilton, W.A. 40,529
Reilly, E.D.
Recognition and selection of idioms for code optimizations. Snyder, L. 40,811
Reilly, K.D.F.
The M/G/1 queue with alternating service formulated as a Riemann-Hilbert problem Cohen, J.W.; Boxma, O.J. 40,696
Rem, M.
Specification of distributed programs. Gallimore, R.M.; Coleman, D. 40,305
The parallel enumeration sorting scheme for VLSI. Yasuura, H.; Takagi, N.; Yajima, S. 40,744
Remus, H.
• Software configuration management. Buckle, J.K. 40,726
Rheinboldt, W.C.
Data structures for numerical quadrature Delves, L.M. 40,333
Data structures for sparse matrices. Reid, J.K. 40,388
Array processing features in the next FORTRAN. Smith, B.T. 40,389
Examples of array processing in the next FORTRAN. Wilson, A. 40,390
On the path representation of networks. Perko, A. 40,753
Rich, B.L.
• Computers and remote computing services. Duncan, D.G.; Aviel, S.D. 40,652
Riesbeck, C.K.
• Machine intelligence and related topics: an information scientist's weekend. Michie, D. 40,147
Cognitive factors in human interaction with computers. Allen, R.B. 40,260
Computer science and artificial intelligence. Slagle, J.R. 40,770
Rivera, E.
Can a shorter workweek reduce unemployment?—A German simulation study. Henize, J. 40,022
Rogers, J.L.
Privacy, security, and freedom in the information society. Cawkell, A.E. 40,021
Rogson, L.
Delay and throughput analysis for computer communications with balanced HDLC procedures. Wang, J. 40,571
Rolletschek, H.
The rectangle intersection problem revisited. Six, H.-W.; Wood, D. 40,075
Rosenkrantz, D.J.
Performance analysis of concurrency control methods in database systems. Shum, A.Q.; Spirakis, P.G. 40,343
Concurrency control in database systems: a step towards the integration of optimistic methods and locking. Lausen, G. 40,506
Rosin, R.F.
The US Postal Service's electronic mail. Holmes, E. 40,104
Rus, T.
An analysis of semantic models for algebraic specifications. Wirsing, M.; Broy, M. 40,820
Sachs, M.W.
Interprocess communication and processor dispatching on the Intel 432. Cox, G.W.; Corwin, W.M.; Lai, K.K.; Pollack, F.J. 40,226
• Practical interfacing techniques for microprocessor systems. Coffron, J.W.; Long, W.E. 40,862
Sallach, D.L.
A statistical approach to incomplete information in database systems. Wong, E. 40,504
Salton, G.
Message files. Tsichritzis, D.; Christodoulakis, S. 40,182
Salwin, A.E.
• Viewdata and the information society. Martin, J. 39,977
• Microcomputer data communication systems. Derfler, F.J. 40,031
Data input by voice. Cochran, D.J.; Riley, M.W. 40,842
Salza, S.
Approximate solution of queueing networks with simultaneous resource possession. Sauer, C.H. 39,991
Samek, W.J.
• CAD/CAM: meeting today's productivity challenge. Taraman, K. (Ed.) 40,651
Sammet, J.E.
• Programming languges: a grand tour. Horowitz, E. 40,450
Sanchez, P.
• Data structures for computer information systems. Ellzey, R.S. 40,795
Sankey, J.D.
An introduction to real-time computing. Mellichamp, D.A. 40,565
Saucier, G.
Diagnosis of systems with asymmetric invalidation. Holt, C.S.; Smith, J.E. 39,993
An architectural design for simultaneous microdiagnostic. Bautista, A.; Tirado, J.F.; Ruz, J.J.; Hermida, R. 40,051
Schild, A.
• Computers in number theory. Spencer, D.D. 40,129
Schindler, E.W.
• The minicomputer in the laboratory, with examples using the PDP-11 (2nd ed.). Cooper, J.W. 40,372
Hierarchical multilevel computer network for laboratory automation. Lindgård, A.; Oxenboll, J.; Sørensen, E. 40,560
Chemical toxicology searching: a collaborative evaluation, comparing information resources and searching techniques. Bawden, D.; Brock, A.M. 40,614
Chemical process calculations using the MINI*DES programs. Erbar, J.H.; Slavin, M.W.; Branton, M.A. 40,915
Schmidt, G.W.
Floyd's principle, correctness theories, and program equivalence. Bergstra, J.A.; Tiuryn, J.; Tucker, J.V. 40,492
Schneider, E.A.
Access-right expressions. Keiburtz, R.B.; Silberschatz, A. 40,167
• Algorithmic language and program development. Bauer, F.L.; Wossner, H. 40,866
Schneider, H.J.
• Organization and operation of a computer center (2nd ed.). (Organisation und betrieb eines rechenzentrums.) Graff, M.; Greiller, R. 40,224
Unravelling unstructured programs. Oulsman, G. 40,384
Hierarchic syntax error repair for LR grammars. Barnard, D.T.; Holt, R.C. 40,676
Schwartz, B.L.
A functional description of ANALYZE: a computer-assisted analysis system for linear programming models. Greenberg, H.J. 40,604
Schwetman, H.D.
Disk workload characterization from event trace analyses. Jones, D.A. 40,003
Sciore, E.
A characterization of globally consistent databases and their correct access paths. Sagiv, Y. 40,611
A step towards the automatic maintenance of the semantic integrity of databases. Frost, R.A.; Whittaker, S. 40,835
Scofield, C.P.
GRASP: a software development system using D-charts. Workman, D.A. 40,804
Selfridge, P.G.
• Digital picture processing (2nd ed.); vols. 1 and 2. Rosenfeld, A.; Kak, A.C. 40,223
Sergot, M.J.
Negation as failure. Clark, K.L. 40,688
On closed world databases. Reiter, R. 40,702
An axiomatic database theory. Tarnlund, S.-A. 40,709
Serlin, O.
• Microprocessor support chips: theory, design, and applications. Byers, T.J. 40,864
Sheppard, S.
Database design constrained by traffic load estimates. Oftedal, H.; Solvberg, A. 40,413
Shneiderman, B.
• Database design (2nd ed.). Wiederhold, G. 40,550
Software science and cognitive psychology. Coulter, N.S. 40,809
Sholl, H.A.
• VLSI systems and computations. Kung, H.I.; Sproull, R.F.; Steele, G., Jr. 40,281
Silvern, L.C.
XSEL: a computer sales person's assistant. McDermott, J. 40,110
Application of the PROSPECTOR system to geoiogical exploration problems. Gasching, J. 40,188
Knowledge based systems as a new interactive computer system of the next generation. Ohsuga, S. 40,193
R1: a rule-based configurer of computer systems. McDermott, J. 40,423
Skillicorn, D.B.
Character-oriented link control. Conrad, J.W. 40,2..0
Bit-oriented data link control. Carlson, D.E. 40,231
Multiaccess link control. Tobagi, F.A. 40,745
Skwiersky, B.M.
Aids for pragmatic error detection. Charlton, C.C.; Leng, P.H. 40,806
Slade, S.
• Planning and understanding: a computational approach to human reasoning. Wilensky, R. 40,552
Slater, J.B.
A boundary of isomorphism completeness in the lattice of semigroup pseudovarieties. Goralcikova, A.; Goralcik, P.; Koubek, V. 40,331
Smillie, K.W.
• APL Quote-Quad: the early years. APL Press 40,798
Smith, H.R.
Using slots and modifiers in logic grammars for natural language. McCord, M.C. 40,251
Computation aspects of discourse. Berwick, R.C. 40,911

Smith, J.A.W.
Graphical presentation of Boolean expressions in a database query language: design notes and an ergonomic evaluation. Michard, A. 40,837

Smith, S.P.
Chapter 7: commercial robot vision systems. [In *Robot vision*. A. Pugh (Ed.).] 40,517

Smith, W.
• The programmer's craft: program construction, computer architecture, and data management. Weiland, R.J. 40,790

Snively, J.W.
Cryptographic features of the UNIX operating system. Outerbridge, R. 40,400
Specification for forms processing and business procedures for office automation. Shu, N.C.; Lum, V.Y.; Tung, F.C.; Chang, C.L. 40,890

Snyder, M.
A methodology for construction of a multivariate diagnostic instrument: an application to alcohol abuse screening. Rawlings, R.R. et al. 40,852

Soergel, D.
Legal thesauri and data processing. Bauer-Bernet, H. 40,508
Legal thesauri. Knapp, V. 40,509
Logic, linguistics, and legal thesauri. Elmi, G.T. 40,510
A NEPHIS screen editor as an aid in permuted index generation. Craven, T.C. 40,909

Sonquist, J.A.
Information systems as aids to achieving organizational integration. Moynihan, T. 40,858

Spacek, L.A.
The memory management of PROLOG implementations. Bruynooghe, M. 40,243
An alternative to structure sharing in the implementation of a PROLOG interpreter. Mellish, C.S. 40,244
Computational stereo. Barnard, S.T.; Fischler, M.A. 40,428

Spillers, W.
CAPITOL: a low cost 3-D modeling and visualization system for interior designers and architects. Webster, C.A.G. 40,196

Spock, R.E.
Design of an interactive financial planning package. Wilson, W.H.; Burrows, C.F.; Sidhom, M.M. 40,358

Springer, A.
An object-oriented command language. Snodgrass, R.T. 40,815

Springsteel, F.N.
Computing the chromatic index of Steiner triple systems. Colbourn, C.J. 40,404
Entity life cycle models and their applicability to information systems development life cycles: a framework for information systems design and implementation. Rosenquist, C.J. 40,608

Sproull, R.F.
Time and space bounds for hidden line and hidden surface algorithms. Schmitt, A. 40,274
An improved segmentation and coding algorithm for binary and nonbinary images. Danielsson, P.-E. 40,630

Sreenivasan, K.
The distribution of queueing network states at input and output instants. Sevcik, K.C.; Mitrani, I. 40,764
A symmetrical exponential open queue network with blocking and feedback. Perros, H.G. 40,765
A note on product–form solution for queueing networks with Poisson arrivals and general service-time distributions with finite means. Samelson, C.L.; Bulgren, W.G. 40,832

Staley, R.L.
Nested transactions in distributed systems. Ries, D.R.; Smith, G.C. 40,769

Stallings, W.
Window random access protocols for local computer networks. Towsley, D.; Venkatesh, G. 40,381
State architecture notation and simulation: a formal technique for the specification and testing of protocol systems. Piatkowski, T.F.; Ip, L.-K.; He, D. 40,664

Staunstrup, J.
A general-purpose algorithm for analyzing concurrent programs. Taylor, R.N. 40,808

Steel, T.B., Jr.
Automated tools in the information system development environment. Wasserman, A.I. 39,997

Steinby, M.
Equivalence and membership problems for regular trace languages. Bertoni, A.; Mauri, G.; Sabadini, N. 40,325
Testing attribute grammars for circularity. Raiha, K.-J.; Saarinen, M. 40,598

Steinhaus, C.P.
Programmers use slices when debugging. Weiser, M. 40,065

Sterling, L.
Remarks on the complexity of an invariant of context-free grammars. Huynh, T.-D. 40,084
Automatic deduction. 40,513

Sterling, L.S.
Problems and trends for the future of logic programming. Robinson, J.A. 40,710

Stetter, F.
• Software engineering: analysis and verification. Lewis, T.G. 40,136
A new solution to Lamport's concurrent programming problem using small shared variables. Peterson, G.L. 40,303
Decentralized simulation of resource managers. Jaffe, J.M. 40,397
Proving operating systems correct. Karp, R.A. 40,792

Stevens, W.R.
A modified alpha-root technique for image processing. McClellan, J.H. 40,118

Stout, R.L.
A projected Lagrangian algorithm and its implementation for sparse nonlinear constraints. Murtagh, B.A.; Saunders, M.A. 40,088

Swanson, L.
IMT—an information modeling tool. Lundberg, B. 40,095

Swetharanyam, S.
• Information resource management: opportunities and strategies for the 1980s. Synnott, W.R.; Gruber, W.H. 40,049

Swigger, K.M.
• The psychology of human-computer interaction. Card, S.K.; Moran, T.P.; Newell, A. 40,796

Tanenbaum, A.S.
MIKE: a network operating system for the distributed double-loop computer network. Tsay, D.-P.; Liu, M.T. 40,802

Tanik, M.M.
• An analysis of PASCAL programs. Carter, L.R. 39,972

Tauber, S.J.
Mathematical models of database degradation. Heyman, D.P. 40,345

Tee, G.J.
• Charles Babbage, pioneer of the computer. Hyman, A. 40,443
Computable error bounds for aggregated Markov chains. Stewart, G.W. 40,826

Tenenbaum, A.
A composite hoisting-strength reduction transformation for global program optimization; part I. Joshi, S.M.; Dhamdhere, D.M. 40,168

Tennent, R.D.
Derivatives of programs. de Bakker, J.W.; Zucker, J.I. 40,079

Tharp, A.L.
Models for the design of static software user assistance. Schneider, M.L. 40,236
Psychological investigations of natural terminology for command and query languages. Dumais, S.T.; Landauer, T.K. 40,263
What do novices know about programming? Soloway, E.; Ehrlich, K.; Bonar, J.; Greenspan, J. 40,304

Thayer, R.H.
JOSS—JOHNNIAC open-shop system. Baker, C.L. 40,020

Thompson, C.D.
A universal interconnection pattern for parallel computers. Goldschlager, L.M. 40,074

Tichy, W.F.
Associative descriptor scheme—for the exploitation of address arithmetic in LISP. Ida, T.; Itano, K. 40,483

Tienari, M.
Generation of compiler symbol processing mechanisms from specifications. Reiss, S.P. 40,894

Tracey, J.H.
• Introduction to computer architecture and organization. Lorin, H. 40,282

Tretkoff, C.L.
• Group-theoretic algorithms and graph isomorphism. Hoffmann, C.M. 40,734

Trost, H.
Plan creation, plan execution, and knowledge acquisition in a dynamic microworld. McCalla, G.I.; Reid, L.; Schneider, P.F. 40,771

Trotter, H.F.
Programming languages for symbolic algebra and numerical analysis. Gentleman, W.M. 40,705

Tu, K.S.
Design and diagnosis of reconfigurable modular digital systems. Su, S.Y.H.; Hsieh, Y.-I 40,058

Ullian, J.S.
A first-order formalization of knowledge and action for multi-agent planning system. Konolige, K. 40,350

Ungerleider, S.L.
A survey of software engineering in Japan. Ohno, Y.; Agusa, K. 40,159

van den Bos, J.
• Elementary computer graphics. Mufti, A.A. 40,465

van den Bosch, P.
• Language translators. Zarrella, J. 40,034
• Programming in MODULA-2. Wirth, N. 40,451
A tutorial on the split binary semaphore. Dijkstra, E.W. 40,572

van Emden, M.
DEDUCE 2: further investigations of deduction in relational databases. Chang, C.L. 40,416
Nondeterministic languages used for the definition of data models. Colombetti, M.; Paolini, P.; Pelagatti, G. 40,503

Van Horn, E.C.
What life? What cycle? Zvegintzov, N. 40,239

van Wyk, S.
The time for a round trip in a cycle of exponential queues. Schassberger, R.; Daduna, H. 40,833

Vanecek, M.T.
• Understanding computer systems. Lawson, H.W., Jr. 40,636

Vaskevitch, D.
Syntax-directed pretty printing—a first step towards a syntax-directed editor. Rubin, L.F. 40,805

Vickery, C.
Parallel picture processing using microprogrammable bit-slice microprocessors. Renyi, I.; Lovaszi, M. 40,276

Wachal, R.S.
• The mental representation of grammatical relations. Bresnan, J. (Ed.) 40,645

Waite, S.V.F.
Computing in documentation and scholarly research. Haas, W.J. 40,183
The videodisc revolution. Sebestyen, I. 40,185

Waite, W.M.
Experience with porting the portable C compiler. Minchew, C.H.; Tai, K.-C. 40,161
Right-to-left code generation for arithmetic expressions. Velasevic, D.M. 40,393
Anatomy of a small PASCAL compiler. Schulthess, P.; Jacobi, C. 40,675

Waldinger, R.
An automatic/interactive software development system: formal basis and design. Subrahmanyam, P.A. 40,062

Walter, D.O.
KSTAGE: an interactive computer program for designing phase-II clinical trials using predictive probability. Atkinson, E.N.; Brown, B.W.; Herson, J. 40,633
Working with visual display units. Thoreson, K. 40,905

Warburton, R.D.H.
An overview of contemporary office automation technology. Gupta, A. 40,703

Watt, D.A.
Languageless programming. van Wijngaarden, A. 40,311
The costs and benefits of lazy interactive input in PASCAL. Comer, D. 40,582

Weiss, D.M.
Some factors affecting program repair maintenance: an empirical study. Vessey, I.; Weber, R. 40,575

Weiss, E.A.
The computer moves in. Friedrich, D. 40,205
• Directions in human/computer interaction. Badre, A.; Shneiderman, B. (Eds.) 40,220
• The McGraw-Hill computer handbook. Helms, H. 40,537

• Software engineering: a practitioner's approach. Pressman, R.S. 40,540
Documenting a computer architecture. Wright, R.E. 40,879

Wells, M.B.
The essence of ALGOL. Reynolds, J.C. 40,068

Wetherell, C.
The complexity of drawing trees nicely. Supowit, K.J.; Reingold, E.M. 40,683
• Software engineering with ADA. Booch, G. 40,727

Wettersten, P.B.
Recognize regular languages with programmable building blocks. Foster, M.J.; Kung, H.I. 40,657

Wetzel, G.F.
On the construction of submodule specifications and communication protocols. Merlin, P.; Bochmann, G.V. 40,396
Executable representation and validation of SNA. Schultz, G.D.; Rose, D.B.; West, C.H.; Gray, J.P. 40,662

Whitby-Strevens, C.
Digital convolution algorithm for pipelining multiprocessor systems. Jenq, Y.-C. 40,119

Wiersba, R.K.
Automating the development and evolution of user dialog in an interactive information system. Wasserman, A.I.; Shewmake, D. 40,160

Wilf, H.S.
• Fundamentals of computer algorithms. Horowitz, E.; Sahni, S. 40,142

Wilhelm, R.
The design and implementation of a code generation tool. Akin, T.A.; Leblanc, R.J. 40,394

Williams, M.R.
• Coded-character sets: history and development. Mackenzie, C.E. 39,983

Williams, S.L.
On the realization of extended control structures in FORTRAN. Haring, G.; Schechtner, O. 40,884

Willoughby, T.C.
Section D: models and methodologies; introductory paper. [In *Evolutionary information systems*, J. Hawgood (Ed.).] Langefors, B. 40,409
Human information processing styles in the information systems development process. Kerola, P.; Taggart, W. 40,499
Observations on the use of behavioral models in information systems research and practice. Turner, J.A. 40,766

Wilson, C.S.
Remote office work: changing work patterns in space and time. Olson, M.H. 40,615

Wimp, J.
An a priori estimate for the truncation error of a continued fraction expansion to the Gaussian error function. Boese, G. 40,495

Wirth, N.
The structure of "data structures." Hansen, W.J. 40,323

Witten, I.H.
Incorporating English descriptions into a relational database. Hafner, C.D. 40,612
An effective way to represent quadtrees. Gargantini, I. 40,848
Translation, rotation, and superposition of linear quadtrees. Gargantini, I. 40,849

Wolfe, C.A.
Computers and the improvement of writing. Daiute, C.; Taylor, R. 40,532

Wolfe, M.
Quotient networks. Fishburn, J.P.; Finkel, R.A. 40,660
Supercomputers. Levine, R.D. 40,667

Wood, D.
Vompleteness of *EOL* forms is decidable. Rozenberg, G.; Verraedt, R. 40,176

Worland, P.B.
Hierarchical software development in HSIP. Futatsugi, K. 40,165
• Management information and control systems (2nd ed.). Tricker, R.I.; Boland, R.J. 40,462

Yasnoff, W.A.
Video colorization diagnostics in optical telecommunications. Presby, H.M.; Chang, R. 40,194

Yehudai, A.
• Context-free grammars: covers, normal forms, and parsing. Nijholt, A. 39,973

Zelkowitz, M.V.
Formal program verification using symbolic execution. Dannenberg, R.B.; Ernst, G.W. 40,887

Zettel, L.F.
Computer simulation. Franklin, M. 40,775

Zlater, Z.
Controlling the defect in existing variable-order Adams codes for initial-value problems. Hanson, P.M.; Enright, W.H. 40,497

Zmud, R.W.
The changing role of the EDP manager. Callaghan, D.R. 40,024
• Critical issues in software: a guide to software economics, strategy, and profitability. Frank, W.L. 40,558

Zobrist, G.W.
Modeling and analysis of communication and cooperation protocols using Petri net based models. Diaz, M. 40,570

Zvegintsov, N.
• Software engineering. Freeman, H.; Lewis, P.M., II (Eds.) 40,027

Zwass, V.
Tools for supporting structured analysis. Delisle, N.M.; Menicosy, D.E.; Kerth, N.L. 39,996

1983 Cumulative Author Index

This index lists the authors of all books and papers reviewed or abstracted in *Computing Reviews* in 1983, together with the review numbers. The latter can be used to find the issues of *CR* containing the full bibliographic citation and its review. Because of the number of multiple authors, and the abstracts in addition to the reviews, too much space would be needed to print the actual citation here. The complete author-title-review number index will eventually appear in the 1983 *ACM Guide to Computing Literature*.

Abdel-Hamid, T.K. 40,787
Abdou, I.E. 40,522
Adams, G.B., III 40,880
•Addyman, A.M. 40,546
Aggarwal, J.K. 40,625
Aghili, H. 40,073
•Agrawal, O.P. 40,447
Agrawal, S.C. 40,814
Agrawala, A.K. 40,834
Agusa, K. 40,122; 40,159
Ahamed, S.V. 40,054
Ahrens, J.H. 40,259
Akin, T.A. 40,394
Allen, B. 40,687
Allen, J. 40,052
Allen, L.E. 40,516
Allen, R.B. 40,260
Allison, L. 40,886
Allman, E. 40,698
Amer, P.D. 40,563
Anderson, D.P. 40,629
Anderson, S.O. 40,746
Andrews, G.R. . 40,163; 40,318
Anguin, D. 40,254
•Anscombe, F.J. 40,543
Aoe, J. 40,677
•APL Press 40,798
Archer, J., Jr. 40,777
Armstrong, R.D. 40,593
Arnautu, V. 40,403
•Arthur, L.J. 40,740
Artym, R. 40,586
Ashton, W.B. 40,634
Astor, E. 40,671
Atkins, J.D. 40,055
Atkinson, E.N. 40,633
•Atkinson, L.V. 40,868
Augustine, A. 39,987
•Aumiaux, M. 40,132
•Aviel, S.D. 40,652
Azen, S.P. (Ed.) 40,904

Babb, E. 40,100
Back, R.J.R. 40,328
Backhouse, R.C. 40,746
Backus, J. 40,061
Badler, N.I. 40,427; 40,847
•Badre, A. (Ed.) 40,220
Bagchi, A. 40,406
Baker, C.L. 40,020
Ball, F.W. 40,440
Ball, W.E. 40,889
Barber, G. 40,190
•Barbier, K. 40,371
Bard, Y. 40,362
Barker, P.G. 40,013
Barnard, D.T. 40,676
Barnard, S.T. 40,428
•Barr, A. (Ed.) 40,648
Barrow, H.G. 40,429
Barstow, D.R. 40,109
•Bateman, W.A. 40,554
•Bates, W. 40,719
Bathor, M. 40,273
Batini, C. 40,609
Bauer-Bernet, H. 40,508
Bauer, F.L. ..... 39,999; •40,866
Baumann, R.D. 40,622
Bautista, A. 40,051
Bawden, D. 40,614
•Beauchamp, K.G. 40,723
Beauquier, J. 40,177
Beck, L.L. 40,830
Ben-Ari, M. ..... 40,490; •40,539
Benbasat, I. 40,616
Berg, J.L. (Ed.-in-Chief) 40,124
Bergstra, J.A. 40,492
Berkling, K.J. 40,314
Berkovits, S. 40,324
Bertine, H.V. 40,152
Bertoni, A. 40,325
Berwick, R.C. 40,911
•Berwick, R.C. (Ed.) 40,650
•Besant, C.B. 40,148
Best, E. 40,763
•Betteridge, T. 40,731
Bhat, K.V.S. 40,158
Biagini, P.M. 40,511
Biagioli, C. 40,511
•Bibbero, R.J. 40,368
Bigelmaier, A. 40,195
Binford, T.O. 40,018
Biran, D. 40,559
Birrell, J.A. 40,838
Bitter, K. 40,517
Bitton, D. 40,816
•Bjoern-Andersen, N. (Ed.) 40,377
•Bjorner, D. 40,213
Blair, G.S. 40,585
•Blank, H.I. 40,739
•Blaser, A. (Ed.) 40,870
Blum, E.K. 40,317
Blum, M. 40,684
Boccalatte, A. 40,494
Bochmann, G.V. 40,233; 40,301; 40,396
•Boehm, B.W. 39,970
Boese, G. 40,495
•Bogart, K.P. 40,733
•Boland, R.J. 40,462
Bolles, R.C. 40,774
Bolour, A. 40,908
Bonar, J. 40,304
Bonham, M. 40,526
•Booch, G. 40,727
•Booth, G.M. 40,468
Borgida, A.T. 39,994
Borruso, R. 40,528
Borsotti, A. 40,066
Bossavit, A. 40,477
Bowen, K.A. 40,175; 40,268
•Bowles, J.B. 40,219
Boxma, O.J. 40,696
Boyer, R.S. 40,064
•Boyer, R.S. (Ed.) 40,032
Boyle, J.M. 40,339
Brady, M. (Ed.) ..... 40,016; •40,650
Brandwajn, A. 40,876
Branton, M.A. 40,915
•Bresnan, J. (Ed.) 40,645
Brezzi, F. 40,496
Brickman, N.F. 40,523
Brock, A.M. 40,614
Brooker, R.A. 40,700
•Brookes, C.H.P. 40,374
Brooks, J.P. 40,783
Brown, B.W. 40,633
•Brown, P.J. 40,139
Broy, M. 39,999; 40,820
•Broy, M. (Ed.) 40,290
Brune, W. 40,517
Brunner, H. 40,195
Bruynooghe, M. 40,081; 40,243
Buchanan, B.G. 40,107
•Buckle, J.K. 40,726
Buckley, G.N. 40,392
Buley, E.R. 40.761
Bulgren, W.G. 40,832
Bunke, H. 40,760
Burkert, H. 40,716
Burkhardt, H.J. 39,989
Burkowski, F.J. 40,659
Burns, S.K. 40,580
•Burns, W.J. (Conference Chair.) .. 40,127
Burrows, C.F. 40,358
Burstall, R.M. 40,592
•Bus, J.C.P. 39,974
Bux, W. 40,056
Buzen, J.P. 40,814
•Byers, T.J. 40,864

Cai, D.-Y. 40,255
Cain, R.A. 40,774
Callaghan, D.R. 40,024
Calvert, T.W. 40,844
Campbell, C.M. 40,488
Campbell, R.P. 40,536
Cappello, P.R. 40,655
•Capron, H.L. 40,029
•Card, S.K. 40,796
Carlisle, B. 40,517
Carlson, D.E. 40,231
Carroll, J.M. 40,356
•Carter, L.R. 39,972
Casey, B.E. 40,004

Casey, R.G. 40,521
Catanzariti, E. 40,017
Cavaliere, S. 40,854
Cawkell, A.E. 40,021
Chafe, C. 40,203
Chamberlain, R.M. 40,008
Chan, A. 40,342
Chandy, K.M. ..... 40,338; •40,789; 40,801
Chang, C.L. 40,416; 40,890
Chang, R. 40,194
Chapman, J. 40,844
Charlton, C.C. 40,806
Chesnais, A. 40,395
Cheung, J. 40,172
Chiba, N. 40,594
Chin, F. 40,261
•Chorafas, D.N. 40,292
•Chou, W. (Ed.) 40,638
Choudhari, R. 40,355
•Chow, G.C. (Ed.) 40,295
Christodoulakis, S. 40,182
•Chu, Y. 40,449
•Ciampi, C. 40,871
Ciccotti, M. 40,066
Clark, D.W. 40,379
Clark, J.H. 40,658
Clark, K.L. 40,241; 40,256; 40,265; 40,688
•Clark, K.L. (Ed.) 40,222
Claybrook, B.G. 40,899
•Clements, A. 40,724
Clifford, J. 40,767
•Clifton, H. 40,556
Cochran, D.J. 40,842
Coey, W.A. 40,126
•Coffron, J.W. 40,862
Cohen, J. 40,238
Cohen, J.W. 40,696
•Cohen, P.R. (Ed.) 40,463
Colbourn, C.J. 40,404
•Cole, A.J. 40,453; 40,454
Coleman, D. 40,305; 40,309
Collins, W.R. 40,813
Collinson, R.P.A. 40,057
Colmerauer, A. 40,270
Colombetti, M. 40,503
Comer, D. 40,582
Comfort, W.B. 40,882
Conrad, J.W. 40,230
Conway, R. 40,777
Cook, R.P. 40,583
Cook, T.W. 40,313
•Cooper, J.W. 40,372
•Cooper, R.B. 40,461
•Coray, G. (Ed.) 40,376
•Corsi, P. (Ed.) 40,295
Corwin, W.M. 40,226
Costa, E.J.F. 40,266
Coston, A.W. 40,853
Cotton, I.W. 40,661
Coulter, N.S. 40,809
Courcelle, B. 40,083
Coutant, C.A. 40,888
Cox, G.W. 40,226
Craven, T.C. 40,909
Crews, P. 40,164
Cristian, E. 40,316
Crochemore, M. 40,085
Cronshaw, A.J. 40,624
Csizmazia, S. 40,191
Culik, K., II 40,818
Culter, B.G. 40,359
Curtis, B. 40,752

Daduna, H. 40,833
Dahl, V. 40,014
Daiute, C. 40,532
•Daley, H.O. 40,865
Damm, W. 40,690
•Daniels, A. 40,557
Danielson, R. 40,103
Danielsson, P.-E. 40,630
Dannenberg, R.B. 40,887
Danthine, A.A.S. 40,741
•Danziger, J.N. 39,982
Darondeau, P. 40,819
Darvas, E. 40,192
Dasarathy, B. 40,004
•Date, C.J. 40,549
•David, H. 40,145
Davida, G. 40,488
•Davies, A.J. 40,040
Davies, J.M. 40,357
•Davio, M. 40,720
Davis, G.B. 40,279
•Davis, M. 40,373
Davis, R. 40,712
Day, J.D. 40,476
de Bakker, J.W. 40,079
De Prycker, M. 40,576
•De Vlaminck, K. 40,455; 40,456
Dean, M. 40,885
Dearnley, P.A. 40,860
Debili, F. 40,781
Defazio, S. 40,836
Deitch, M. 40,861
Dekel, E. 40,812
Dekeyser, L.J. 40,908
Delisle, N.M. 39,996
Dellar, C.N.R. 40,564
Delves, L.M. 40,333
•DeMarco, T. 40,654
Demers, A. 40,897
•Denning, D.E. 40,140
•Derfler, F., Jr. 40,297
•Derfler, F.J. 40,031
•DeSautels, E.J. 40,452
•Deschamps, J.-P. 40,720
Dewitt, D.J. 40,816
•Dezani-Ciancaglini, M. (Ed.) 40,036
Dhall, S. 40,172
Dhamdhere, D.M. 40,168
Di Manzo, M. 40,494
Diaz, M. 40,570
•Didsbury, H.F., Jr. (Ed.) 40,150
Dieter, U. 40,259
Diffie, W. 40,488
Dijkstra, E.W. 40,572; 40,896
Dilger, W. 40,180
Dobkin, D.P. 40,686
Dodds, R.H., Jr. 40,635
Dooley, M. 40,627
Dosch, W. 39,999
•Downes, V.A. 40,370
Du Croz, J.J. 40,407
Dumais, S.T. 40,263
•Duncan, D.G. 40,652
•Dutton, W.H. 39,982
Dyer, C.R. 40,120
Dyer, M.G. 40,841

•Earl, M. (Ed.) 40,377
Eckardt, M.J. 40,852
Ehrenreich, S.L. 40,340
Ehrlich, K. 40,304
El-Dhaher, A.H.G. 40,125
Ellis, J. 40,123
•Ellzey, R.S. 40,795
Elmi, G.T. 40,510; 40,511
•Encarnacao, J.L. (Ed.) 40,046
Engelberg, G.P. 40,471; 40,877
Engelfriet, J. 40,600
Enright, W.H. 40,497
Ephremides, A. 40,681
Er, M.C. 40,759
Erbar, J.H. 40,915
Erickson, R.W. 40,878
Eriksen, O. 40,693
Ernst, G.W. 40,082; 40,887
Eschbach, D. 40,207
Ettinger, G.M. 39,986
Evans, C.R. 40,620
Evans, D.J. 40,007
Evans, G.A. 40,092

•Fabri, J. 40,730
Fagé, D.M. 40,089; 40,258
Falk, G. 40,663
•Fameli, E. 40,871
Farrell, E.J. 40,851
Fateman, R.J. 40,420
Faustini, A.A. 40,493
Fay, D.Q.M. 40,126
Feather, M.S. 40,595
Fehr, E. 40,314
•Feigenbaum, E.A. (Ed.) 40,463; 40,648
Fetter, W.A. 40,519
Feuvre, J.-M. 40,498
Fiddian, N.J. 40,579
Finkel, R.A. 40,660; 40,713
Fischer, C.N. 40,748
Fischler, M.A. 40,428
Fishburn, J.P. 40,660; 40,713
Fisher, D.G. 40,568
•Fisher, D.M. 40,214
•Flavin, M. 40,041
•Fletcher, R. 40,459
•Flores, I. 40,366
Folts, H.C. 40,473; 40,475
Förster, K.-J. 40,087
•Fossum, E. (Ed.) 40,875
•Foster, C.C. 40,141
Foster, M.J. 40,657
Foster, S. 40,360
Fraenkel, A.S. 40,829; 40,850
Francez, N. 40,883
Franchi-Zannettacci, P. 40,083
•Francis, I. 39,975
•Frank, W.L. 40,558
Franklin, M. 40,775
•Frates, J. 40,444
Fredericks, A.A. 40,071; 40,607
Freeman, H. 40,117
•Freeman, H. (Ed.) 40,027
Friedman, E.A. (Ed.) 40,856
Friedman, F.L. 40,000
Friedman, T.D. 40,521
Friedrich, O. 40,205
•Fritz, R.E. 40,643
Frost, R.A. 40,341; 40,835
Fu, K.S. 40,006
Fuchs, H.-J. 40,517
Fumagalli, A. 40,066
Furer, M. 40,903
Furuta, R. 40,121; 40,525
Futatsugi, K. 40,165
Futo, I. 40,192

Gabay, D. 40,901
Gal, T. 40,122
Gallaire, H. 40,099
•Gallaire, H. (Ed.) 40,037
Galligani, I. 40,091
Gallimore, R.M. 40,305; 40,309
Gammill, R.C. 40,302
Ganapathi, M. 40,748
Garcia-Molina, H. 40,613
Garetti, P. 40,002
Gargantini, I. 40,848; 40,849
Gaschnig, J. 40,188; 40,512
Gavish, B. 40,334
•Gecsei, J. 40,872

Gekeler, E. ... 40,179
Gelenbe, E. ... 40,395; 40,825
Gemignani, M. ... 40,206
Gentleman, W.M. ... 40,705
Gergely, T. ... 40,076; 40,249
Gerhart, S.L. ... 40,878
Gerrity, G.W. ... 40,692
Gerth, R. ... 40,891
Getz, S.L. ... 40,807
•Ghezzi, C. ... 40,287
Giacomucci, A. ... 40,000
Giannantonio, E. ... 40,528
•Gill, A. ... 40,289
Gilmour-Bryson, A. ... 40,531
Gleason, G.J. ... 40,774
Gleason, J. ... 40,517
•Glinert, E.P. ... 40,547
Glover, D.E. ... 40,853
Gnatz, R. ... 39,999
Godair, E. ... 40,207
•Godfrey, M.D. ... 40,641
Goebel, J. ... 40,535
Goguen, J. ... 40,063
Goguen, J.A. ... 40,592
•Goldsack, S.J. ... 40,370
Goldschlager, L.M. ... 40,074
Goldstein, C.I. ... 40,090
Gonnet, G.H. ... 40,487
Goralcik, P. ... 40,331
Goralcikova, A. ... 40,331
Gottlieb, A. ... 40,895
Gottwald, B.A. ... 40,012
•Graff, M. ... 40,224
Graham, M.H. ... 40,415
•Graham, N. ... 40,128
Graubard, B.I. ... 40,852
Graves, S.C. ... 40,114
Gray, J.P. ... 40,662
Green, C. ... 40,111
Green, P.E. ... 40,704
•Green, P.E., Jr. (Ed.) . 40,030
Greenberg, H.J. ... 40,604
•Greenfield, J.D. ... 40,863
Greenspan, J. ... 40,304
Gregory, S. ... 40,241
Gregory, S.T. ... 40,813
•Greiller, R. ... 40,224
•Gries, D. (Ed.) ... 40,725
Griswold, R.E. ... 40,888
•Grouse, P.J. ... 40,374
•Gruber, W.H. ... 40,049
Gruska, J. ... 40,818
Guerreiro, P. ... 40,329
Gunther, K. ... 40,352
Gupta, A. ... 40,703; 40,788
Guttag, J. ... 39,995; 40,173
Guttag, J.V. ... 40,689

Haas, L.-M. ... 40,801
Haas, W.J. ... 40,183
Hac, A. ... 40,524
Hadidi, R. ... 40,634
Hafner, C.D. .. •40,221; 40,612
Haikala, I.J. ... 40,153
Hailpern, B.T. ... 40,157
Hakozaki, K. ... 40,768
Hall, J.A. ... 40,470
Hall, R.G. ... 40,853
Hamacher, H. ... 40,694
Hamilton, W.A. ... 40,529
Hamm, R.W. ... 40,813
Hammond, P. ... 40,421
•Hancock, L. ... 40,644
Hansen, W.J. ... 40,323
Hanson, D.R. ... 40,888
Hanson, P.M. ... 40,497
Hansson, A. ... 40,269
•Harbison, S.P. ... 39,966
Harding, R.D. ... 40,782
Harel, D. ... 40,248
Haridi, S. ... 40,269
Haring, G. ... 40,884
•Harley, P.J. ... 40,868
Harley, S. ... 40,841
•Hayes, J.E. (Ed.) ... 40,044
He, D. ... 40,664
•Heath, P. (Ed.) ... 40,791
•Heiserman, D.L. ... 39,965
Hellman, M.E. . 40,488; 40,489
•Helms, H. ... 40,537
Hendler, J.A. ... 40,426
•Hendry, D.F. ... 40,641
Henize, J. ... 40,022
Hennessy, J.L. ... 40,748
•Herbert, A.J. ... 40,364
Herbison-Evans, D. ... 40,520
Hermann, J.-P. ... 40,623
•Hermans, H.J. ... 40,641
Hermida, R. ... 40,051
Herson, J. ... 40,633
•Hessenberg, R.K. ... 40,641
Hewkin, P.F. ... 40,517
Heyman, D.P. ... 40,345
•Hibbard, P. ... 40,542
Hilfinger, P.N. ... 40,577
•Hilts, P.J. ... 40,208
Hindley, J.R. ... 40,253
•Hisgen, A. ... 40,542
Hoare, C.A.R. .. 40,678; 40,776
Hoberecht, V.L. ... 40,300
Hock, W. ... 40,093
•Hoffman, W.M. (Ed.) 40,378
Hoffmann, C.M. ... 40,005; 40,391; •40,734
Holmes, E. ... 40,104
•Holst, O. (Ed.) ... 40,377
Holt, C.S. ... 39,993
Holt, R.C. ... •40,217; •40,288; 40,676
Holzmann, G.J. ... 40,665
Hookway, R.J. ... 40,082
•Hord, R.M. ... 40,134
Hornung, C. ... 40,116
•Horowitz, E. ... 40,142; 40,450
•Hou, H.S. ... 40,649
Howard, J.A. ... 40,471
Hsieh, Y.-I ... 40,058
•Huens, J. ... 40,455; 40,456
Huff, S.L. ... 40,785
•Hughes, J.K. ... 39,971
Hughes, W.R. . 40,471; 40, 567
Hull, J.J. ... 40,355
•Hume, J.N.P. .. 40,217; 40,288
Hundt, M.G. ... 40,202
•Hurley, R.B. ... 40,137
Hutchins, W.J. ... 40,200
•Huybrechts, M. ... 40,455
Huynh, T.-D. ... 40,084
•Hyman, A. ... 40,443
Hyslop, J. ... 40,092

Iaface, P. ... 40,002
•Ibbett, R.N. ... 40,721
Ida, T. ... 40,483
Iizuka, H. ... 40,059
•Inman, D. ... 40,033
•Inman, K. ... 40,033
Ip, L.-K. ... 40,664
Iri, M. ... 40,691
Isaac, J.R. ... 40,262
Itai, A. ... 40,589
Itano, K. ... 40,483

•Jack, M. (Ed.) ... 40,283
Jacobi, C. ... 40,675
Jaffe, J.M. ... 40,397
Jannucci, B.I. ... 40,511
•Jarett, I.M. ... 40,874
•Jazayeri, M. ... 40,287
•Jeffery, D.R. ... 40,374
Jegado, M. ... 40,680
Jenq, Y.-C. ... 40,119
Jensen, F.E. ... 40,840
Jiminez, J. ... 40,353; 40,773
Johnson, P.N. ... 40,841
•Johnston, R.L. ... 40,143
Jones, A.K. (Ed.-in-Chief) ... 40,228
•Jones, C.B. ... 40,213
Jones, D.A. ... 40,003
Joshi, S.M. ... 40,168

•Kahn, P.M. (Ed.) ... 40,647
Kaihara, S. ... 40,349
Kaiser, P. ... 40,479
•Kak, A.C. ... 40,223
Kalligiannis, G. ... 40,807
Kam, J. ... 40,488
Kambayashi, Y. ... 40,098; •40,146
Kaplan, S.J. ... 40,619
Kapur, D. ... 40,307; 40,689
Karp, R.A. ... 40,792
Kartashev, S.I. ... 40,229
Kartashev, S.P. ... 40,229
Katz, R.H. ... 40,505
Kaubisch, W.H. ... 40,776
Kearns, J.P. ... 40,836
Keleman, C. ... 40,897
Kellogg, C. ... 40,501
•Kelly, D.A. ... 40,793
Kent, E. ... 40,120
Kent, W. ... 40,414
Kernighan, B.W. ... •39,968; •40,285; 40,430
Kerola, P. ... 40,499
Kerth, N.L. ... 39,996
Ketchel, J.S. ... 40,442
Keul, V. ... 40,916
Kieburtz, R.B. ... 40,167
Kim, K.H. ... 40,810
King, T.J. ... 40,610
Kirkham, J.A. ... 40,234
Kirkpatrick, D.G. ... 40,686
•Kitagawa, T. (Ed.) ... 40,026
Kitchin, P.W. ... 40,774
Klaeren, H.A. ... 40,491
Klahr, P. ... 40,501
Kline, C.S. ... 40,489
•Kline, R.M. ... 40,446
Kling, R. ... •39,982; 40,278
•Klingman, E.E. ... 40,131
Knapp, V. ... 40,509
Knight, J.C. ... 40,813
Knott, G.D. ... 40,072
Knuth, D.E. ... 40,914
•Kohonen, T. ... 39,964
Kokubu, A. ... 40,344
Kole, M.A. ... 40,786
Komorowski, H.J. ... 40,237
Konolige, K. ... 40,350
Korein, J.U. ... 40,847
Korth, H.F. ... 40,507
Koubek, V. ... 40,331
Kowalik, J.S. ... 40,178
Kowalski, R. ... •39,978; 40,267; 40,268; 40,500
Koyama, T. ... 40,349
Koymen, K. ... 40,701
Kozen, D. ... 40,248
Kozma, L. ... 40,070
•Kraemer, K.L. ... 39,982
•Kreager, P. ... 40,639
Krecioch, T.H. ... 39,989
Krevner, Y. ... 40,252
Krieg-Bruckner, B. ... 39,999
•Krieger, M. ... 40,644
Krishna, G. ... 40,418
•Krishnamurthy, E.V. ... 40,548
Kritzinger, P.S. ... 40,170

•Kriz, T.A. 40,758
Krzesinski, A.E. 40,170
Kumar, S.P. 40,178
Kung, D.S. 40,593
Kung, H.I. ..... •40,281; 40,657

•La Pearl, B.J. 39,971
Lageweg, B.J. 40,685
Lai, H.C. 40,656
Lai, K.K. 40,226
Lakshmivarahan, S. 40,172
Lam, S.S. 39,992
Lamb, D.A. 40,577
Lamport, L. 40,382
Landa, L.N. 40,435
Landauer, T.K. 40,263
•Lane, M.J. 40,151
Langefors, B. 40,409
•Lapidus, L. 40,039
Larson, P.-A. 40,399
•Lau, E.J. 40,457
Lausen, G. 40,506
Laut, A. 39,999; 40,078
Lavenberg, S.S. 40,322
Lavey, W.G. 40,859
Lawler, E.L. 40,685
•Lawrence, M.J. 40,374
Lawrie, D.H. 40,472
•Lawson, H.W., Jr. 40,636
Lawson, V. 40,198
•Lawson, V. (Ed.) 40,045
•Leathrum, J.F. 40,640
Leblanc, R.J. 40,394
Leblanc, T.J. 40,583
Lehnert, W.G. 40,841
•Lehnert, W.G. (Ed.) ... 40,873
•Leiserson, C.E. 40,363
Lemarechal, C. 40,008
Lenat, D.B. 40,843
Leng, P.H. 40,806
Lenstra, J.K. 40,685
Lenzerini, M. 40,609
Leonard, M.S. 40,634
Lesk, M.E. 40,430
Leszczylowski, J. 40,581
Leung, C.H.C. 40,486
•Leventhal, L.A. 40,212
•Levin, R. 39,966
Levine, R.D. 40,667
•Levy, B. 39,963
•Levy, D. 40,736
•Levy, G.C. (Ed.) 40,722
Lew, A. 40,573
•Lewi, J. 40,455; 40,456
•Lewin, M.H. 40,637
Lewis, M.H. 40,359
•Lewis, P.M., II (Ed.) .. 40,027
•Lewis, T.G. 40,135; 40,136
Lichnewsky, A. 40,825
•Lieberman, M.A. 40,551
Limb, J.O. (Ed.-in-Chief) 40,186
Lincoln, N.R. 40,803
Lindgård, A. 40,560
Lindner, R. 40,351
Lingas, A. 40,247
Lisberger, S. 40,050
Liskov, B. 40,892
Liu, M.T. 40,802
Ljung, L. 40,605
Ljung, S. 40,605
Lloyd, J.W. 40,590
Logrippo, L. 40,893
Loizou, G. 40,831
•Long, W.E. 40,862
Lopez, L.A. 40,635
Lord, R.E. 40,178
•Lorin, H. 40,282
Lovaszi, M. 40,276
Lozano, C.J. 40,335
Lubachevsky, B.D. 40,895
Lucas, H.C., Jr. ..... •39,976; 40,187
Luckman, M. 39,999
Lum, V.Y. 40,890
Lundberg, B. 40,095
Lykos, P. 40,197

•Mackenzie, C.E. 39,983
•MacLennon, B.J. 40,642
Madnick, S.E. 40,787
•Madron, T.W. 40,367
Mahanti, A. 40,406
Maher, B. 40,708
Maier, D. 40,412
Makhlin, A.G. 40,517
Manna, Z. 39,998; 40,077
Mannila, H. 40,328
Manthey, M.J. 40,779
Martyla, M. 40,626
Mariani, J.A. 40,585
Marsten, R.E. 40,009
•Martin, J. 39,977; 40,042
Martin, N. 40,277
Martin, W.A. 40,015
Martini, P. 40,774
•Martino, A.A. (Ed.) ... 40,466
Materna, P. 40,080
Mathew, J. 39,987
Mathewson, S.C. 40,668
Matsui, S. 40,691
Matsumoto, Y. 40,235
Matula, D.W. 40,830
Matzner, T. 39,999
Maurer, H.A. 40,823
Mauri, G. 40,325
Mayhew, P.J. 40,860
•Mayne, A.J. 40,043
Mayne, D.Q. 40,828
•Mazlack, L.J. 40,729
McCabe, F.G. .. 40,241; 40,265
McCalla, G.I. 40,771
McClellan, J.H. 40,118
McCord, M.C. 40,251
McCormick, B.H. 40,120
McCracken, M. 40,207
•McCredie, J.W. (Ed.) 40,296
McCrum, W.A. 39,990
McDermott, J... 40,110; 40,423
•McDermott, V. 40,214
McGhie, D. 40,517
McGregor, P.V. 40,800
McIlroy, M.D. 40,679
McKeag, R.M. 40,678
McKeeman, W.M. 40,256
•McWilliams, P.A. 40,225
•Meek, B. (Ed.) 40,791
•Meijer, A. 40,448
Mellichamp, D.A. 40,387; 40,565
•Mellichamp, D.A. (Ed.) 40,365
Mellish, C.S 40,244
Memmi, G. 40,606
Mendis, K.S. 40,240
Menicosy, D.E. 39,996
Merkle, R.C. .. •40,458; 40,489
Merlin, P. 40,396
•Metcalf, M. 40,545
Methlie, L.B. 40,855
•Meyer, A.R. (Conference Chair.) .. 40,867
Meyer, B. 40,477
Meyer, M. 40,698
Michaelis, P.R.. 40,298; 40,426
Michard, A. 40,837
•Michie, D. 40,147
•Michie, D. (Ed.) 40,044; 40,375; 40,735
Milaszewicz, J.P. 40,332
Miller, C.L. 40,778
Miller, D.V. 40,591
Miller, L. 40,172
Miller, M.L. 40,426
•Miller, W. 40,038
Minchew, C.H. 40,161
Minker, J. 40,502
•Minker, J. (Ed.) 40,037
Minoura, T. 40,484
Misra, J. 40,338; 40,801
Mitra, D. 40,245
Mitrani, I. 40,395; 40,764
Mizoguchi, F. 40,189
Moffat, D.V. 40,001
Moher, T. 40,682
•Moldrup, W. 40,444
Moller, B. 39,999
Mont-Reynaud, B. 40,203
•Montanari, U. (Ed.) ... 40,036
Moody, J.K.M. 40,610
•Moore, J.M. (Ed.) 40,378
Moore, J.S. 40,064
Mor, M. 40,829; 40,850
•Moran, T.P. 40,796
Moret, B.M.E. 40,779
Morgan, A.P.G. 40,092
•Morgan, H.L. (Ed.) 40,209
•Morris, J.L. 40,732
•Morrison, R. 40,453
•Moto-oka, T. (Ed.) 40,028
Mowafi, O.A. 40,681
Moynihan, T. 40,858
•Mufti, A.A. 40,465
Muhlbacher, J.R. 39,988
•Mumford, E. (Ed.) 40,377
Mungle, J. 40,164
Munro, J.I. 40,487
Murao, H. 40,106
Muroga, S. 40,656
Murphy, M. 40,698
Murray, D.M. 40,602
Murtagh, B.A. 40,088
Murty, M.N. 40,418
Musser, D.R. 40,307; 40,689
Myers, W. 40,115
Mylopoulos, J. 39,994

Nagao, M. 40,271
Nakajima, R. 40,327
Nakano, H. 40,348
•Naps, T.L. 40,728
Natali, F.S. 40,511
National Bureau of Standards 40,488
Navalon, J.L. 40,353; 40,773
Navlakha, J. 40,597
•Needham, R.M. 40,364
Negrini, R. 40,480
Nehr, G. 40,774
Nelson, E. 40,900
Nelson, R.J. 40,772
•Nemirovsky, A.S. 40,869
Neumann, P.G. 40,536
•Nevatia, R. 40,294
Nevins, J.L. 40,114
•Newborn, M. 40,736
•Newell, A. 40,796
Newman, H. 40,105
Newman, P.S. 40,441
Niamir, B. 40,342
•Nickerson, R.C. 40,215
Nicolas, J.M. 40,099
Nicolas, J.-M. 40,699
•Nicoud, J.-D. (Ed.) 40,376
•Nielsen, M. (Ed.) 40,218
Nielson, F. 40,673
Nievergelt, J. 40,410
•Nievergelt, J. (Ed.) 40,376
•Nijholt, A. 39,973
•Nishio, T. 40,538

Nishizeki, T. 40,594
Nivat, M. 40,599
Noonan, R.E. 40,813
Norsett, S.P. 40,010
Novotny, E.J. 40,436
Nutt, G.J. 40,881

O'Donnell, M.J. 40,005;40,391
Oftedal, H. 40,413
Ognibene, P. 40,437
Ohno, Y. 40,122; 40,159; 40,674
Ohsuga, S. 40,097; 40,193
Olson, M.H. 40,187; 40,615
O'Mara, K. 40,913
•Onoe, M. (Ed.) 39,980
Ooomote, R. 40,344
•Osaki, S. 40,538
O'Shea, T. 40,617
Oulsman, G. 40,384
Outerbridge, R. 40,400
Oxenboll, J. 40,560
Ozsoyoglu, G. 40,261

Page, C.J. 40,354
•Pao, Y.-H. (Ed.) 40,044
Paolini, P. 40,503
Papa, M. 40,066
Papadia, L. 40,854
Papadimitriou, C.H. 40,417
Parascandolo, P. 40,854
Parenti, L. 40,511
Parke, F.I. 40,846
•Parker, D.B. 40,653
Parker, M.M. 40,438
Partsch, H. 39,999; 40,078
Pashtan, A. 40,321
Patla, A.E. 40,844
Paul, R. (Ed.) 40,016
Pay, B.E. 40,620
Pease, M. 40,382
Pechura, M.A. 40,588
Pedersen, H.C. 40,008
•Peeters, P. 40,448
Pelagatti, G. 40,503
Pennington, R.H. 40,761
Pepper, P. 39,999; 40,308
Perko, A. 40,753
Perros, H.G. 40,765
•Perry, W.E. 39,981
Peterson, G.L. 40,303; 40,749
Piatkowski, T.F. 40,664
•Pinder, G.F. 40,039
Pirotte, A. 40,101
Plass, M.F. 40,914
•Plauger, P.J. 39,968; 40,285
Pnueli, A. 40,077
Poggio, T. 40,715
•Pohm, A.V. 40,447
Pokorny, J. 40,080
Polak, E. 40,828
Pollack, F.J. 40,226
•Pollack, S.V. 40,216
•Pollack, S.V. (Ed.) 40,717
Popek, G.J. 40,489
Porcu, T. 40,340
Pote, G.R. 40,783
Pounder, J.R. 40,094
Powell, M.J.D. 40,008
Pradhan, T. 39,985
Preparata, F.P. 40,757
Presby, H.M. 40,194
•Pressman, R.S. 40,540
•Preston, K., Jr. (Ed.) 39,980
Price, C.C. 40,169
Probert, R.L. 40,670
Puckette, M. 40,019
Pugh, A. 40,354; 40,621; 40,774
•Pugh, A. (Ed.) 40,464

Qing-Yun, S. 40,006
Quinlan, J.R. 40,422; 40,618

Rabin, M.O. 40,756
Rae, D.S. 40,852
Raiha, K.-J. 40,598
Raillard, Y. 40,606
•Ralston, A. 40,210
Ramamohanarao, K. 40,590
Randell, B. •40,048; 40,434
Ranstrom, J. 40,698
Rao, S.S.S.P. 39,985
Rappaz, J. 40,496
Ras, Z.W. 40,910
Rasa, T. 39,914
Raviart, P.-A. 40,496
Rawlings, R.R. 40,852
•Redmond, K.C. 40,555
Reed, D.P. 40,264
Reemtsen, R. 40,335
Reeves, C.M. 40,750
Rehak, D.R. 40,635
Reid, L. 40,771
Reid, J.K. 40,388
•Reid, J.K. (Ed.) 40,291
Reif, J.H. 40,326
•Reilly, E.D., Jr. 40,210
Reingold, E.M. 40,683
Reiser, M. 40,156
Reisner, P. 40,906
Reiss, S.P. 40,894
Reiter, R. 40,514; 40,702
Reiter, R.W., Jr. 40,481
Renyi, I. 40,276
Resnikoff, H.L. (Ed.) 40,856
Reusch, B. 40,897
Reuss, J.L. 40,747
Reutenauer, C. 40,824
Reynolds, J.C. •39,967; 40,068
•Reynolds, M.L. 40,460
Rice, J.R. 40,386
Rich, E. 40,697
Ries, D.R. 40,769
Riley, M.W. 40,842
•Ringle, M.H. (Ed.) 40,873
Rinnooy Kan, A.H.G. 40,685
Rivoira, S. 40,002
Rix, J. 40,351
Roberts, C.E., Jr. 40,336
Roberts, J.D. 40,011
Roberts, K.V. 40,433
Robertson, G.I. 40,517
•Robinson, G.P.S. 40,723
Robinson, J.A. 40,315; 40,425; 40,578; 40,710
Rockmore, A.J. 40,360
Rodeh, M. 40,589; 40,883
Rogers, T.D. 40,094
Rolander, P. 40,103
Rose, D.B. 40,662
Rosen, C.A. 40,774
Rosenbaum, W.S. 40,523
Rosenberg, A.L. 40,743
Rosenberg, E. 40,601
•Rosenberg, J. 40,542
Rosenfeld, A. •40,223; 40,275
•Rosenfeld, A. (Ed.) 39,980
Rosenquist, C.J. 40,608
Rosenthal, D.S.H. 40,204
Rosser, B.L. 40,715
Rossol, L. 40,632
Roth, S. 40,517
Rozenberg, G. 40,176
Rubin, L.F. 40,805
Rudd, W.G. 40,566
Rudolph, L. 40,895
•Rugh, W.J. 40,144
Rump, S.M. 40,827
Rush, J.E. 40,184
Rush, L. 40,203
•Rushby, N. (Ed.) 40,791
Ruz, J.J. 40,051
Ryback, R.S. 40,852
Rybczynski, A. 40,474

Saarinen, M. 40,598
Sabadini, N. 40,325
Sacerdoti, E.D. 40,839
Sachs, J.M. 40,580
Sager, J.C. 40,199
Sagiv, Y. 40,611
Sahni, S. •40,142; 40,812
Saito, N. 40,594
Sakamoto, J.G. 40,440
Sakawa, M. 40,902
Salomaa, A. 40,818; 40,823
Salza, S. 40,322
Samelson, C.L. 40,832
Samelson. K. 39,999
Sami, M.G. 40,480
Sammet, J.E. 40,067; 40,481
Sands, G.A. 40,536
Santane-Toth, E. 40,242
Santucci, G. 40,609
Sarda, N.L. 40,262
Sasaki, T. 40,106
Sauer, C.H. 39,991; 40,362; 40,666; •40,789
Saunders, M.A. 40,088
•Saxon, J.A. 40,643
Scacchi, W. 40,278
Schach, S.R. 40,807
Schassberger, R. 40,833
•Schechter, D. 40,544
Schechtner, O. 40,884
Schiefler, R. 40,892
•Schiffman, S.S. 40,460
Schild, R. 40,069
Schloss, W.A. 40,360
•Schlueter, L., Jr. 40,737
Schlusselberg, D.S. 40,359
Schmeck, H. 40,401
•Schmidt, E.M. (Ed.) 40,218
•Schmidt, G. (Ed.) 40,290
Schmitt, A. 40,274
Schnabel, R.B. 40,603
Schneider, G.M. 40,682
•Schneider, H.-J. 39,969
Schneider, M.L. 40,236
Schneider, P.F. 40,771
Schnyder, W. 40,903
Schreiber, R. 40,086
Schreiber, U. 40,174
Schulthess, P. 40,675
Schultz, G.D. 40,662
Schwabe, D. 40,878
Schwartz, M. 40,299
Sciarra, D. 40,494
Scofield, J. 40,121; 40,525
Scott, D.S. 40,596
•Scott, J.E. 39,979
Sears, J.L. 40,102
Šebelík, J. 40,250
Sebestyen, I. 40,185
Seebach, J.A., Jr. 40,155
Segall, A. 40,232
Sekhon, G.S. 40,361
•Selig, G.J. 40,551
Sergot, M. 40,347
Sevcik, K.C. 40,764
Severance, D.G. 40,073
Seybold, J.W. 40,431
Shah, A. 40,755
Sanehchi, J. 40,007
Shankar, K.S. 40,536
Shanno, D.F. 40,009
Shaw, A. 40,121; 40,525
•Shaw, A.C. (Ed.) 40,376
•Shaw, M. 40,542

Shepherd, W.D. 40,585
•Sherman, M. 40,542
•Shetler, T. 39,963
Shewmake, D. 40,160
Shichor, E. 40,257
Shimada, R. 40,677
Shneiderman, B. 40,411
•Shneiderman, B. (Ed.) 40,220
Sholl, H.A. 40,898
Shooter, L.T. 39,986
Shostak, R. 40,382
Shu, N.C. 40,890
Shum, A.W. 40,343
Sibert, E.E. 40,315; 40,578
Sickel, S. 40,256; 40,330
Sidhom, M.M. 40,358
Sidi, M. 40,232
Siegel, H.J. 40,880
•Siewiorek, D.P. 40,133
Silberman, G.M. 40,751
Silberschatz, A. 40,167
Silberschatz, A. 40,392
Silk, C.L. 40,227
Simmons, R.F. 40,272
•Singer, L.M. 40,738
•Singh, B. 40,728
Sinha, P. 40,593
Sippu, S. 40,402
Six, H.-W. 40,075
Skyum, S. 40,600
Slagle, J.R. 40,770
Slavin, M.W. 40,915
Sleeman, D.H. 40,708
Sloane, N.J.A. 40,246
Slutzki, G. 40,817
Smethurst, G.W. 40,227
Smith, A.J. 39,984
Smith, B.T. 40,389
Smith, C.H. 40,424
Smith, C.L. 40,383
Smith, G.C. 40,769
Smith, J.E. 39,993
Smith, R.G. 40,712
•Smith, T.M. 40,555
Smith, W.K. 40,359
Snodgrass, R.T. 40,815
Snyder, L. 40,811
Soerensen, I.H. 40,306
Soisalov-Soininen, E. ... 40,319; 40,402
Soloway, E. 40,304
Solvberg, A. 40,413
Sørensen, E. 40,560
Specker, E. 40,903
•Spencer, D.D. 40,129
Spinelli, D.N. 40,840
Spirakis, P.G. 40,343
Spirn, J. 40,485
Sportelli, L. 40,207
•Spriet, J.A. 40,047
Sproull, R.F. .... •40,281; 40,518
Sprugnoli, R. 40,320
Srihari, S.N. 40,355
Stacy, R.W. 40,853
•Stallings, W. 40,297
Stanta, A.A. 40,511
Staphylopatis, A. 40,825
Staunstrup, J. ..... •40,035; 40,063; 40,693
Stautner, J. 40,019
•Steegmans, E. 40,456
•Steele, G., Jr. 40,281
Steen, L.A. 40,155
Stefanelli, R. 40,480
Steiglitz, K. 40,655
Steinbruggen, R. 39,999
Štěpánek, P. 40,250
Stepanov, A.A. 40,307
Sterling, T.D. 40,280
•Stern, D.M. 40,368
•Stern, N. 40,467
Stern, T.E. 40,299
Stetina, I. 40,479
Stewart, G.W. 40,826
Stewart, T.F.M. (Ed.) .. 40,799
•Stone, H.S. 40,211
Stonebraker, M. 40,698
Stoppoloni, S. 40,530
Strack, H. 40,195
Strong, E. 40,526
Strong, H.R. 40,380
•Strother, M.J. (Ed.) ... 40,032
Su, S.Y.H. 40,058
Subrahmanyam, P.A. .. 40,062
Sugimoto, S. 40,674
Sunshine, C.A. . 40,301; 40,878
Supowit, K.J. 40,683
•Swarz, R.S. 40,133
•Synnott, W.R. 40,049
Szeredi, P. 40,192; 40,242
Szots, M. 40,191

Tabata, K. 40,674
Taggart, W. 40,499
Tai, K.-C. 40,161
Takagi, N. 40,744
Takala, T. 40,626
Tanaka, Y. 40,181
Tao, R. 40,171
Tappert, C.C. 40,631
•Taraman, K. (Ed.) 40,651
Tärnlund, S.-Å. 40,269; 40,709
•Tärnlund, S.-Å. (Ed.). 40,222
Taylor, R. 40,532
Taylor, R.N. 40,808
Tenenbaum, J.M. 40,429
Tennent, R.D. •40,794; 40,821
•Terpstra, D. (Ed.) 40,722
•Terry, C. 40,366
Teunissen, P. 40,170
Thanisch, P. 40,831
•Thayse, A. 40,720
•Thierauf, R.J. 40,293
Thomas, R.J. 40,234
Thomas, W. 40,822
Thompson, D.H. 40,878
Thompson, G. ... 40,419; 40,780
Thoreson, K. 40,905
Thouin, B. 40,201
Tillier, M. 39,986
Tinsdale, G.E. 40,517
Tirado, J.F. 40,051
Tiscornia, D. 40,511
Tiuryn, J. 40,492
Tobagi, F.A. 40,745
Toda, I. 40,561
Toida, S. 40,742
Toong, H.-M.D. 40,788
Topor, R.W. 40,762
•Townsend, R. 40,445
Towsley, D. 40,381
Travis, L. 40,501
Treleaven, P. 40,053
•Tricker, R.I. 40,462
Trilling, R.J. 40,853
Tripathi, S.K. 40,834
Trispel, S. 40,352
Trivisonno, G.. 40,527; •40,871
Troy, D.A. 40,162
Tsay, D.-P. 40,802
•Tseng, V. (Ed.) 40,284
Tsichritzis, D. 40,182
Tsuji, S. 40,348
Tsur, S. 40,485
Tucker, J.V. 40,492
Tung, F.C. 40,890
Turn, R. 40,536
•Turn, R. (Ed.) 40,469
Turner, J.A. 40,766
Tverstol, A.M. 40,855
Tyugu, E.H. 40,108

Uemura, S. 40,344
Ukkonen, E. 40,402
Ullman, J.D. 40,412
Umemura, M. 40,768
Ury, L. 40,249

Vamos, T. 40,273
van den Burg, J.M. 40,562
van der Laan, C.G. 40,408
van Emden, M.H. 40,346; 30,515
van Tilborg, A.M. 40,154
van Wijngaarden, A. 40,311
•Vansteenkiste, G.C. 40,047
Varga, R.S. 40,255
Vasudevan, S. 40,584
Veerabhadraiah, S. 39,987
Velasevic, D.M. 40,393
•Veldhorst, M. 40,646
Venkatesh, G. 40,381
Verraedt, R. 40,176
Vershinin, K.P. 40,076
Vessey, I. 40,575
•Vichnevetsky, R. 40,219
Vick, C.R. 40,229
Vitter, J.S. 40,398; 40,754
von Hahn, W. 40,907
Vora, C.R. 40,472

Wajskop, M. (Ed.-in-Chief) 40,113
Waldinger, R. 39,998
Walker, B. 40,172
Wallis, P.J.L. . 40,385; •40,541
•Walsh, J.J. 40,551
Wand, Y. 40,616
Wang, J. 40,571
Wanner, G. 40,010; 40,012
Ward, D. 40,164
Ware, W.H. 40,536
Warren, D.H.D. 40,166
Warren, D.S. 40,767
Washburn, P. 40,533
Wasserman, A.I. ..... •39,969; 39,997; 40,160
Waugh, D.W. 40,481
Webb, J.A. 40,625
Webber, B.L. 40,711
Weber, R. 40,575
Webster, C.A.G. 40,196
Wei, M.C. 40,898
Weihrauch, K. 40,174
•Weiland, R.J. 40,790
•Weimer, D.L. 40,553
Weiser, M. 40,065
Wells, M.B. 40,312
West, C.H. 40,662
Westfold, S.J. 40,111
Weyuker, E.J. 40,669
White, J.W. 40,482; 40,569; 40,587
White, P.N. 40,838
Whitney, D.E. 40,114
Whittaker, S. 40,835
Widjaja, H. 40,695
•Wiederhold, G. 40,550
Wiggins, R.H. 40,298
Wilensky, R. .... •40,552; 40,912
Wilks, Y. (Chairman) .. 40,112
•Williams, B.K. 40,029
Williams, J.H. 40,060
Williams, M.H. 40,574; 40,672; 40,783
Willmert, K.D. 40,628
•Willmott, G. 40,718
Wilmshurst, D.A. 40,622
Wilson, A. 40,390
•Wilson, I.R. 40,546

Wilson, W.H. 40,358
•Winograd, T. 40,797
Wirsing, M. 39,999; 40,581; 40,820
•Wirth, N. 40,451
Witten, I.H. 40,526
Wittie, L.D. 40,154
Wolberg, J.R. .. •40,138; 40,310
Wong, E. 40,504; 40,505
Wong, H.K.T. 39,994
Wong, J.W. 39,992
Wong, K.Y. 40,521; 40,522
Wood, D. 40,075; 40,823
Wood, H.M. 40,661
Woodfill, J. 40,698
Woodward, D.J. 40,359
Workman, D.A. 40,804
Wossner, H. ..... 39,999; •40,866
•Wrathall, C. 40,038
•Wren, A. (Ed.) 40,149
Wright, J.D. 40,569; 40,587
Wright, R.E. 40,879
•Wulf, W.A. 39,966

Yager, R.R. 40,096
Yajima, S. 40,744
Yakowitz, S.J. 40,602
Yamamoto, Y. 40,677
Yang, C.J. 40,841
Yasuura, H. 40,744
•Yeates, D. 40,557
Yeh, D. 40,405
Yehudai, A. 40,252
•Young, F.W. 40,460
•Young, S.J. 40,369
•Yovits, M.C. (Ed.) 40,025; 40,130
Yuba, T. 40,344
•Yudin, D.B. 40,869
•Yuen, C.K. 40,723
•Yvkoff, G.W. 40,544

Zachman, J.A. 40,439
Zaki, A.S. 40,432
Zammit, J.P. 40,023
•Zaneski, R. 40,286
•Zarrella, J. 40,034
Zaslavsky, T. 40,337
Zeltzer, D. 40,845
Zifonun, G. 40,180
•Zoepritz, M. (Ed.) 40,870
Zoltners, A.A. 40,593
Zuboff, S. 40,784
Zucker, J.I. 40,079
Zvegintzov, N. 40,239
Zweben, S.H. 40,162

SYMBOLS
- • Book
- Θ PhD Thesis
- θ Master's Thesis
- ■ Tape Recording
- ⊠ Movie
- ◆ Exhibit

Author Index

Adams, G.B., III 40,880
Allison, L. 40,886
•Atkinson, L.V. 40,868
Azen, S.P. (Ed.) 40,904

Ball, W.E. 40,889
•Bauer, F.L. 40,866
Berwick, R.C. 40,911
•Blaser, A. (Ed.) 40,870
Bolour, A. 40,908
Brandwajn, A. 40,876
Branton, M.A. 40,915
•Byers, T.J. 40,864

Chang, C.L. 40,890
•Ciampi, C. 40,871
Claybrook, B.G. 40,899
•Coffron, J.W. 40,862
Comfort, W.B. 40,882
Coutant, C.A. 40,888
Craven, T.C. 40,909

•Daley, H.O. 40,865
Dannenberg, R.B. 40,887
Dean, M. 40,885
Dekeyser, L.J. 40,908
Demers, A. 40,897
Dijkstra, E.W. 40,896

Engelberg, G.P. 40,877
Erbar, J.H. 40,915
Erickson, R.W. 40,878
Ernst, G.W. 40,887

•Fameli, E. 40,871
•Fossum, E. (Ed.) 40,875
Francez, N. 40,883
Furer, M. 40,903

Gabay, D. 40,901
•Gecsei, J. 40,872
Gerhart, S.L. 40,878
Gerth, R. 40,891
Gottlieb, A. 40,895
•Greenfield, J.D. 40,863
Griswold, R.E. 40,888

Hanson, D.R. 40,888
Haring, G. 40,884
•Harley, P.J. 40,868

•Jarett, I.M. 40,874

Keleman, C. 40,897
Keul, V. 40,916
Knuth, D.E. 40,914

•Lehnert, W.G. (Ed.) ... 40,873
Liskov, B. 40,892
Logrippo, L. 40,893
•Long, W.E. 40,862
Lubachevsky, B.D. 40,895
Lum, V.Y. 40,890

•Meyer, A.R. (Conference Chairman) 40,867

Nelson, E. 40,900
•Nemirovsky, A.S. 40,869
Nutt, G.J. 40,881

O'Mara, K. 40,913

Plass, M.F. 40,914

Ras, Z.W. 40,910
Reisner, P. 40,906
Reiss, S.P. 40,894
Reusch, B. 40,897
•Ringle, M.H. (Ed.) 40,873
Rodeh, M. 40,883
Rudolph, L. 40,895

Sakawa, M. 40,902
Schechtner, O. 40,884
Schiefler, R. 40,892
Schnyder, W. 40,903
Schwabe, D. 40,878
Sholl, H.A. 40,898
Shu, N.C. 40,890
Siegel, H.J. 40,880
Slavin, M.W. 40,915
Specker, E. 40,903
Sunshine, C.A. 40,878

Thompson, D.H. 40,878
Thoreson, K. 40,905
•Trivisonno, G. 40,871
Tung, F.C. 40,890

von Hahn, W. 40,907

Wei, M.C. 40,898
Wilensky, R. 40,912
•Wossner, H. 40,866
Wright, R.E. 40,879

•Yudin, D.B. 40,869

•Zoeppritz, M. (Ed.) 40,870

SYMBOLS

- • Book
- Θ PhD Thesis
- θ Master's Thesis
- ■ Tape Recording
- ⊠ Movie
- ◆ Exhibit

General Terms Index

ALGORITHMS:
40, 866; 40, 868; 40, 869; 40, 883; 40, 889; 40, 897; 40, 898; 40, 901; 40, 902; 40, 903; 40, 904; 40, 914

DESIGN:
40, 862; 40, 863; 40, 864; 40, 872; 40, 874; 40, 875; 40, 877; 40, 878; 40, 879; 40, 881; 40, 884; 40, 885; 40, 886; 40, 890; 40, 893; 40, 895; 40, 898; 40, 910

DOCUMENTATION:
40, 871; 40, 876; 40, 879; 40, 885; 40, 886; 40, 890; 40, 904; 40, 909; 40, 914; 40, 915

ECONOMICS:
40, 874; 40, 875; 40, 905; 40, 916

EXPERIMENTATION:
40, 881; 40, 898; 40, 906

HUMAN FACTORS:
40, 870; 40, 873; 40, 875; 40, 879; 40, 885; 40, 896; 40, 905; 40, 906; 40, 907; 40, 911; 40, 916

LANGUAGES:
40, 866; 40, 867; 40, 868; 40, 873; 40, 878; 40, 884; 40, 885; 40, 886; 40, 889; 40, 890; 40, 891; 40, 892; 40, 893; 40, 894; 40, 895; 40, 897; 40, 899; 40, 902; 40, 906; 40, 907; 40, 909; 40, 912

LEGAL ASPECTS:
40, 871

MANAGEMENT:
40, 874; 40, 875; 40, 890; 40, 905; 40, 916

MEASUREMENT:
40, 876; 40, 880; 40, 888; 40, 898; 40, 904; 40, 905; 40, 906; 40, 916

PERFORMANCE:
40, 862; 40, 872; 40, 875; 40, 876; 40, 877; 40, 880; 40, 881; 40, 882; 40, 883; 40, 888; 40, 895; 40, 898; 40, 902; 40, 903; 40, 904; 40, 905; 40,906

RELIABILITY:
40, 872; 40, 882; 40, 885; 40, 892

STANDARDIZATION:
40, 872; 40, 874

THEORY:
40, 864; 40, 867; 40, 869; 40, 876; 40, 878; 40, 880; 40, 881; 40, 883; 40, 887; 40, 891; 40, 896; 40, 897; 40, 899; 40, 900; 40, 902; 40, 903; 40, 904; 40, 908; 40, 910; 40, 911; 40, 912

VERIFICATION:
40, 878; 40, 887; 40, 891; 40, 897; 40, 899; 40, 910